

Converting Colors

XYZ(91.3983, 116.9050,
76.2676)

Have a look what the booklet for
XYZ(91.3983, 116.9050, 76.2676)
contains.

XYZ(79.2137, 92.6342, 72.0977)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.2137, 92.6342,
72.0977)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FFCE
RGB	229, 255, 206
RGB Percent	90%, 100%, 81%
CMY	0.1020, 0.0000, 0.1921
CMYK	0.10, 0.00, 0.19, 0.00
HSL	92°, 100%, 90%
HSV	92°, 19%, 100%
XYZ	79.2137, 92.6342, 72.0977
YIQ	241.6400, 0.2330, -20.7510

Conversions

Conversions Part 2

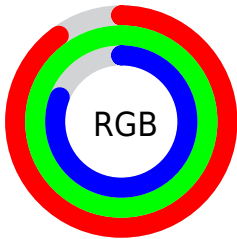
Format	Color
R_{YB}	206, 255, 232
Decimal	15073230
CIE _{Lab}	97.08, -16.88, 20.64
CIE _{LCh}	97, 26.663, 129.267
Yxy	92.6342, 0.3247, 0.3797
Android (android.graphics.Color)	4293263310 (0xFFE5FFCE)
YUV	241.6400, -17.5705, -11.0853
Hunter-Lab	96.2467, -21.5212, 22.9589

Details

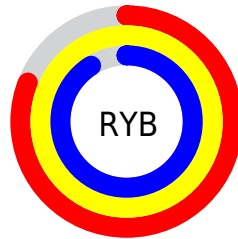
The XYZ color **79.2137, 92.6342, 72.0977** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.4008, 68.5196, 103.9647**, and the grayscale version is **84.2473, 88.6347, 96.5232**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0952, 51.5394, 37.3825** is the 20% darker color. If you saturate the color by 10%, you get **72.2122, 89.3542, 56.8898**, and if you desaturate by 10%, it is **87.0556, 96.2894, 89.9711**.

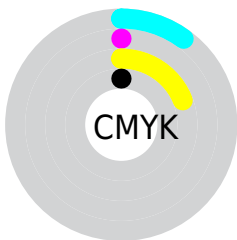
Distribution



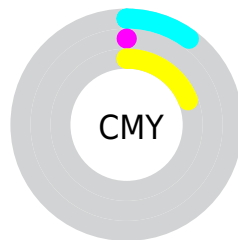
- Red (90%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2137, 92.6342, 72.0977 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.2137, 92.6342, 72.0977 by changing the saturation by 10% instead.

79.2137, 92.6342,
72.0977

79.2137, 92.6342,
72.0977

481.0560,
536.5631, 486.8683

59.3778, 70.1675,
52.7512

131.2160,
150.9921, 123.9044

43.1648, 51.6631,
37.2178

164.1131,
187.6520, 157.2017

30.2095, 36.7366,
25.0791

202.0946,
229.8119, 195.9863

20.1466, 25.0036,
15.9164

245.5259,
277.8560, 240.6768

12.6105, 16.0798,
9.3113

294.7723,
332.1688, 291.6917

7.2360, 9.5806,
4.8452

350.1992,

3.6578, 5.1218,

393.1346, 349.4496

2.0996

412.1720,
461.1379, 414.3689

■ 1.5104, 2.3189,
0.6155

■ 0.3329, 0.7837,
0.0000

■ 79.2137, 92.6342,
72.0977

■ 79.2137, 92.6342,
72.0977

■ 72.2122, 89.3542,
56.8898

■ 87.0556, 96.2894,
89.9711

■ 66.0175, 86.4348,
44.2154

95.0500, 100.0000,
108.9000

■ 60.5960, 83.8618,
33.9375

■ 55.9108, 81.6195,
25.9046

■ 51.9215, 79.6906,
19.9478

■ 48.5825, 78.0560,
15.8742

■ 45.8410, 76.6934,
13.4549

■ 43.6221, 75.5718,
12.3452

■ 43.4634, 75.4912,
12.2805

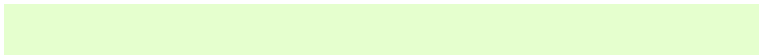
Harmonies

Analogous

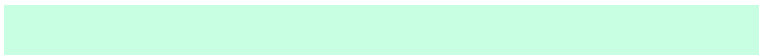
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7397, 92.6342, 65.2862



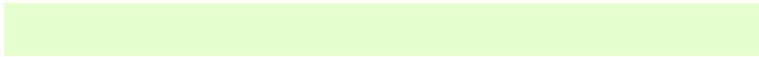
79.2137, 92.6342, 72.0977



75.2122, 92.6342, 86.9111

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2137, 92.6342, 72.0977



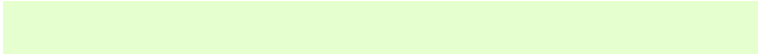
83.0292, 92.6342, 144.7251



103.0903, 92.6342, 94.3448

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.2137, 92.6342, 72.0977



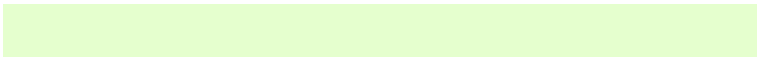
73.4008, 68.5196, 103.9647

Split Complementary

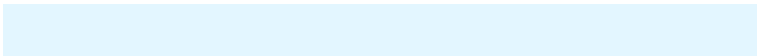
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.2625, 92.6342, 116.2332



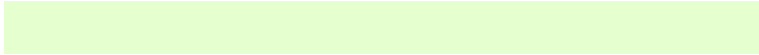
79.2137, 92.6342, 72.0977



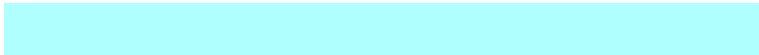
90.3934, 92.6342, 147.4644

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



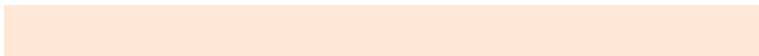
79.2137, 92.6342, 72.0977



77.3265, 92.6342, 129.3869



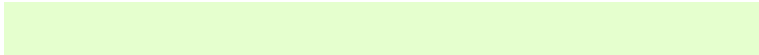
97.5116, 92.6342, 136.4123



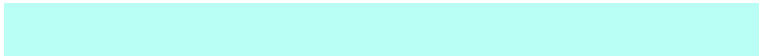
99.7131, 92.6342, 76.8731

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2137, 92.6342, 72.0977



74.3740, 92.6342, 100.3343



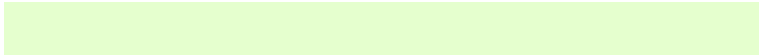
97.5116, 92.6342, 136.4123



103.2986, 92.6342, 101.3933

Sweetspot

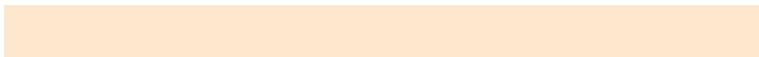
The Sweet Spot groups the original color and five complimentary colors.



79.2143, 92.6345, 72.0991



89.7597, 97.5461, 96.3020



81.0458, 83.0462, 70.1518



19.0931, 20.8235, 20.3323



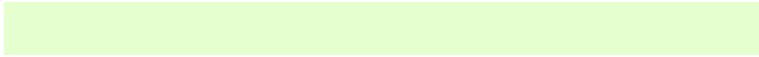
0.0000, 0.0000, 0.0000



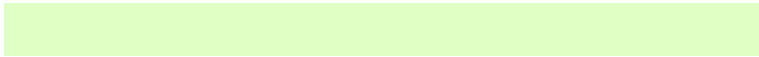
20.3446, 21.4041, 23.3091

Same Dimension

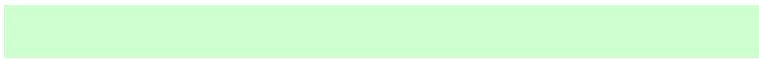
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2143, 92.6345, 72.0991



76.4669, 91.3496, 66.0357



72.4545, 89.1383, 72.3020



18.5823, 20.5861, 19.1385



22.8795, 39.5329, 6.4247



2.3525, 3.9135, 0.6314

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73.4008, 68.5196, 103.9647



69.6961, 63.2654, 103.1458



81.2306, 72.5712, 103.6463



17.9233, 17.8522, 22.7511



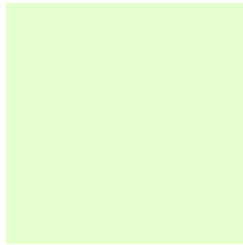
14.8522, 6.5671, 49.9194



1.5723, 0.7045, 4.8664

Previews

White Background



This preview shows how the XYZ color 79.2137, 92.6342, 72.0977 looks on a white background.

Color Contrast Check

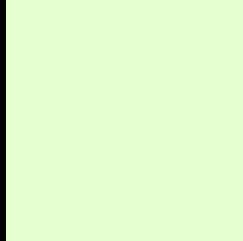
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.2137, 92.6342, 72.0977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

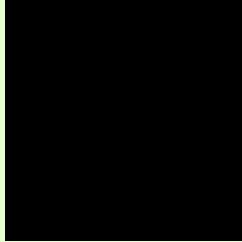
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

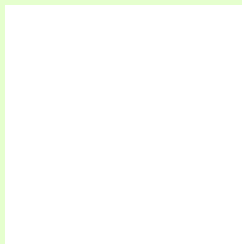
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2137, 92.6342, 72.0977

Background



This preview shows how black text looks on a background with the XYZ color 79.2137, 92.6342, 72.0977.



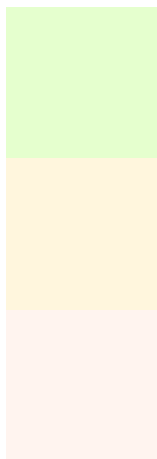
This preview shows how white text looks on a background with the XYZ color 79.2137, 92.6342,

72.0977.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.2137, 92.6342, 72.0977

Protanopia

87.2469, 92.3920, 81.6416

Deuteranopia

89.1707, 92.1934, 94.7567

Tritanopia

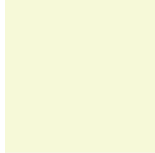
87.9679, 92.1862, 107.7651

Trichromacy



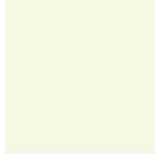
Original Color

79.2137, 92.6342, 72.0977



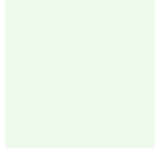
Protanomaly

84.2764, 92.3021, 78.3400



Deuteranomaly

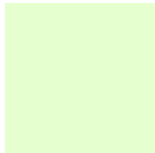
85.4386, 92.2737, 85.9806



Tritanomaly

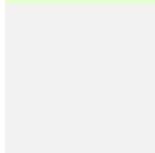
84.4216, 92.0429, 93.4373

Monochromacy



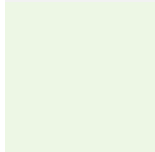
Original Color

79.2137, 92.6342, 72.0977



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.3287, 90.1832, 87.1967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2137, 92.6342, 72.0977 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(229, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(229, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 206) }
```

Border

The CSS property to change the border of an element to XYZ 79.2137, 92.6342, 72.0977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 255, 206) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(229, 255, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(229, 255, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2137, 92.6342, 72.0977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(229,  
255, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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