

Converting Colors

XYZ(79.7505, 92.9082, 72.2487)

Have a look what the booklet for
XYZ(79.7505, 92.9082, 72.2487)
contains.

XYZ(79.8556, 92.9652, 72.1278)	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(79.8556, 92.9652,
72.1278)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFCE
RGB	231, 255, 206
RGB Percent	91%, 100%, 81%
CMY	0.0941, 0.0000, 0.1921
CMYK	0.09, 0.00, 0.19, 0.00
HSL	89°, 100%, 90%
HSV	89°, 19%, 100%
XYZ	79.8556, 92.9652, 72.1278
YIQ	242.2380, 1.4250, -20.3270

Conversions

Conversions Part 2

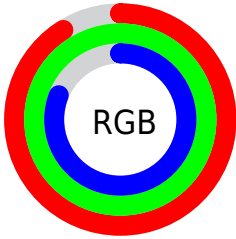
Format	Color
R_{YB}	206, 255, 230
Decimal	15204302
CIE Lab	97.21, -16.19, 20.85
CIE LCh	97, 26.397, 127.826
Yxy	92.9652, 0.3260, 0.3795
Android (android.graphics.Color)	4293394382 (0xFFE7FFCE)
YUV	242.2380, -17.8653, -9.8557
Hunter-Lab	96.4185, -20.8952, 23.1398

Details

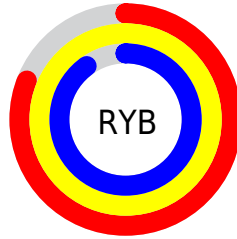
The XYZ color **79.8556, 92.9652, 72.1278** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.7554, 68.1869, 103.9345**, and the grayscale version is **84.7222, 89.1344, 97.0674**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5408, 51.7691, 37.4034** is the 20% darker color. If you saturate the color by 10%, you get **73.1160, 89.8201, 56.9321**, and if you desaturate by 10%, it is **87.3866, 96.4601, 89.9866**.

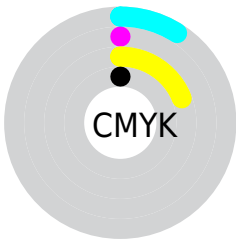
Distribution



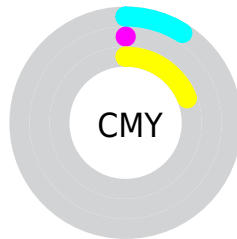
- Red (91%)
- Green (100%)
- Blue (81%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8556, 92.9652, 72.1278 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 79.8556, 92.9652, 72.1278 by changing the saturation by 10% instead.


 79.8556, 92.9652,
72.1278

 79.8556, 92.9652,
72.1278

483.1900,
537.6301, 486.9758

 59.9076, 70.4426,
52.7756


132.1143,
151.4504, 123.9476

 43.5933, 51.8874,
37.2372


165.1557,
188.1818, 157.2523

 30.5475, 36.9154,
25.0939


203.2922,
230.4183, 196.0450

 20.4046, 25.1420,
15.9274

246.8893,
278.5442, 240.7440

 12.7995, 16.1829,
9.3190

296.3123,
332.9439, 291.7681

 7.3667, 9.6536,
4.8502

351.9265,

 3.7408, 5.1699,

394.0019, 349.5358

2.1024

414.0973,
462.1025, 414.4655

■ 1.5566, 2.3473,
0.6172

■ 0.3638, 0.7986,
0.0000

■ 79.8556, 92.9652,
72.1278

■ 79.8556, 92.9652,
72.1278

■ 73.1160, 89.8201,
56.9321

■ 87.3866, 96.4601,
89.9866

■ 67.1361, 87.0115,
44.2678

95.0500, 100.0000,
108.9000

■ 61.8840, 84.5258,
33.9978

■ 57.3246, 82.3483,
25.9708

■ 53.4194, 80.4628,
20.0179

■ 50.1249, 78.8512,
15.9464

■ 47.3907, 77.4923,
13.5274

■ 45.1438, 76.3562,
12.4164

■ 44.9815, 76.2739,
12.3516

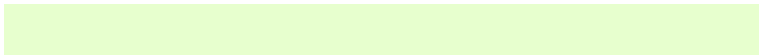
Harmonies

Analogous

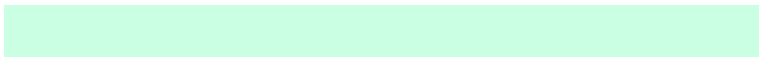
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4226, 92.9652, 65.7471



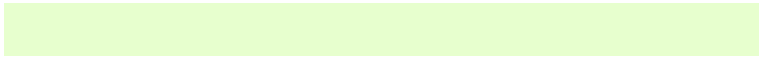
79.8556, 92.9652, 72.1278



75.7362, 92.9652, 86.5017

Triad

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



79.8556, 92.9652, 72.1278



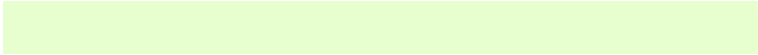
83.0585, 92.9652, 144.2128



103.3409, 92.9652, 95.7341

Complementary

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



79.8556, 92.9652, 72.1278



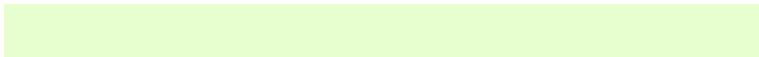
72.7554, 68.1869, 103.9345

Split Complementary

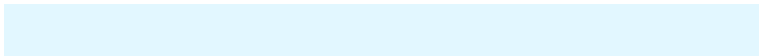
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.3153, 92.9652, 117.5271



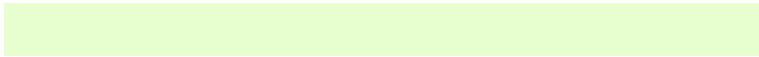
79.8556, 92.9652, 72.1278



90.3274, 92.9652, 147.6003

Square

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



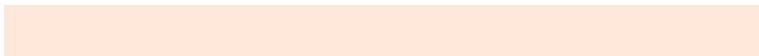
79.8556, 92.9652, 72.1278



77.5116, 92.9652, 128.5536



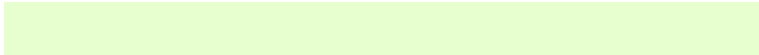
97.4491, 92.9652, 137.2484



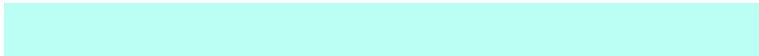
100.1775, 92.9652, 78.0702

Rectangle

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



79.8556, 92.9652, 72.1278



74.7926, 92.9652, 99.6733



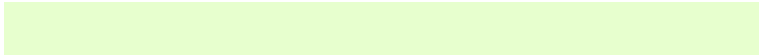
97.4491, 92.9652, 137.2484



103.4777, 92.9652, 102.7893

Sweetspot

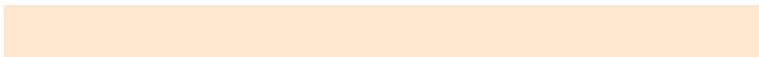
The Sweet Spot groups the original color and five complimentary colors.



79.8562, 92.9654, 72.1292



89.9801, 97.6597, 96.3124



80.5899, 82.1345, 69.9999



19.1452, 20.8504, 20.3347



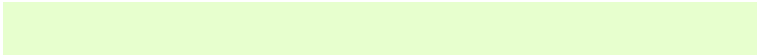
0.0000, 0.0000, 0.0000



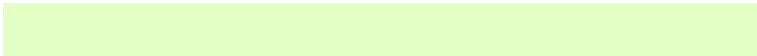
20.3446, 21.4041, 23.3091

Same Dimension

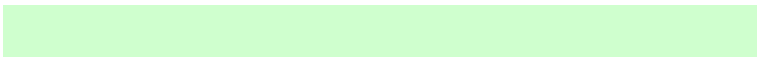
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8562, 92.9654, 72.1292



77.2135, 91.7345, 66.0706



72.5824, 89.2157, 71.7888



18.6552, 20.6237, 19.1419



23.6768, 39.9439, 6.4620



2.4314, 3.9542, 0.6351

Inverse Universe

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



72.7554, 68.1869, 103.9345



68.9442, 62.8778, 103.1106



81.0620, 72.4691, 104.3232



17.8502, 17.8145, 22.7477



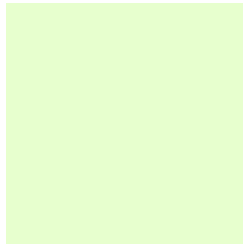
14.0142, 6.1351, 49.8801



1.4902, 0.6621, 4.8625

Previews

White Background



This preview shows how the XYZ color 79.8556, 92.9652, 72.1278 looks on a white background.

Color Contrast Check

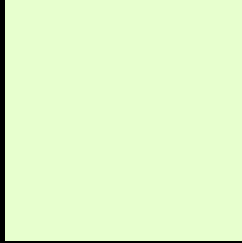
Large Text (above 18pt) WCAG AA × Fail

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 79.8556, 92.9652, 72.1278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

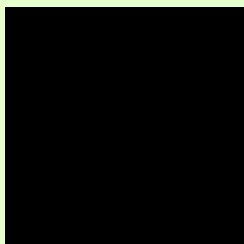
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

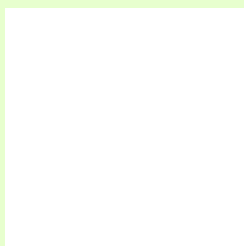
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8556, 92.9652, 72.1278

Background



This preview shows how black text looks on a background with the XYZ color 79.8556, 92.9652, 72.1278.



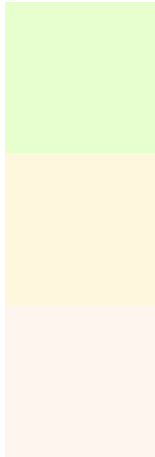
This preview shows how white text looks on a background with the XYZ color 79.8556, 92.9652,

72.1278.

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

79.8556, 92.9652, 72.1278

Protanopia

87.3806, 92.4455, 82.3455

Deuteranopia

89.4724, 92.7968, 94.8572

Tritanopia

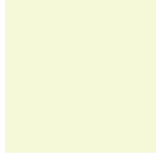
88.6190, 92.9746, 107.8829

Trichromacy



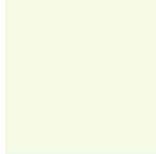
Original Color

79.8556, 92.9652, 72.1278



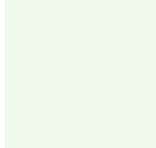
Protanomaly

84.2764, 92.3021, 78.3400



Deuteranomaly

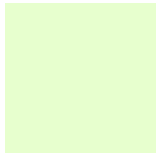
85.7468, 92.8902, 86.0833



Tritanomaly

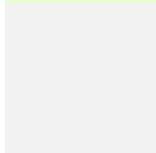
85.0683, 92.8364, 93.5564

Monochromacy



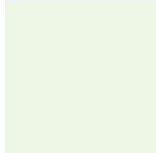
Original Color

79.8556, 92.9652, 72.1278



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.6635, 90.3558, 87.2123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8556, 92.9652, 72.1278 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(231, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 206) }
```

Border

The CSS property to change the border of an element to XYZ 79.8556, 92.9652, 72.1278 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(231, 255, 206) }
```


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

```
.border{ border-color:rgb(231, 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(231, 255, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8556, 92.9652, 72.1278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 206) }
```

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

```
.background{ background-color: rgb(231,  
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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