

Converting Colors

XYZ(79.5392, 92.7943, 72.4624)

Have a look what the booklet for
XYZ(79.5392, 92.7943, 72.4624)
contains.

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Color

**XYZ(79.6556, 92.8480,
72.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFCF
RGB	230, 255, 207
RGB Percent	90%, 100%, 81%
CMY	0.0980, 0.0000, 0.1882
CMYK	0.10, 0.00, 0.19, 0.00
HSL	91°, 100%, 91%
HSV	91°, 19%, 100%
XYZ	79.6556, 92.8480, 72.7546
YIQ	242.0530, 0.5080, -20.2280

Conversions

Conversions Part 2

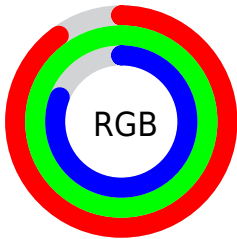
Format	Color
R_{YB}	207, 255, 232
Decimal	15138767
CIE Lab	97.17, -16.38, 20.26
CIE LCh	97, 26.055, 128.944
Yxy	92.8480, 0.3248, 0.3786
Android (android.graphics.Color)	4293328847 (0xFFE6FFCF)
YUV	242.0530, -17.2811, -10.5705
Hunter-Lab	96.3577, -21.0660, 22.6836

Details

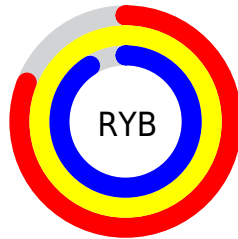
The XYZ color **79.6556, 92.8480, 72.7546** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.6424, 69.0026, 104.0452**, and the grayscale version is **84.5717, 88.9760, 96.8948**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3994, 51.6867, 37.8261** is the 20% darker color. If you saturate the color by 10%, you get **72.6841, 89.5856, 57.4475**, and if you desaturate by 10%, it is **87.4566, 96.4797, 90.7314**.

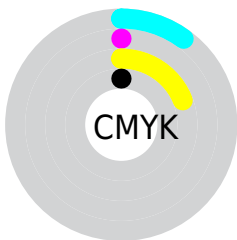
Distribution



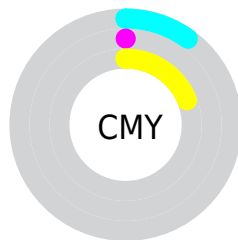
- Red (90%)
- Green (100%)
- Blue (81%)



- 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 79.6556, 92.8480, 72.7546 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 79.6556, 92.8480, 72.7546 by changing the saturation by 10% instead.


 79.6556, 92.8480,
72.7546

 79.6556, 92.8480,
72.7546


482.5257,
537.2524, 489.2118

 59.7425, 70.3452,
53.2847

131.8345,
151.2882, 124.8465

 43.4598, 51.8080,
37.6408


164.8310,
187.9943, 158.3055

 30.4421, 36.8520,
25.4044


202.9193,
230.2036, 197.2647

 20.3241, 25.0930,
16.1568

246.4647,
278.3006, 242.1426

 12.7405, 16.1463,
9.4796

295.8328,
332.6695, 293.3577

 7.3259, 9.6278,
4.9543

351.3887,

 3.7149, 5.1529,

393.6949, 351.3286

2.1622

413.4979,
461.7610, 416.4738

■ 1.5421, 2.3372,
0.6524

■ 0.3542, 0.7933,
0.0000

■ 79.6556, 92.8480,
72.7546

■ 79.6556, 92.8480,
72.7546

■ 72.6841, 89.5856,
57.4475

■ 87.4566, 96.4797,
90.7314

■ 66.5091, 86.6785,
44.6786

95.0500, 100.0000,
108.9000

■ 61.0975, 84.1126,
34.3114

■ 56.4131, 81.8725,
26.1948

■ 52.4159, 79.9413,
20.1609

■ 49.0613, 78.3001,
16.0179

■ 46.2974, 76.9273,
13.5387

■ 44.0526, 75.7931,
12.3939

■ 43.8125, 75.6712,
12.2969

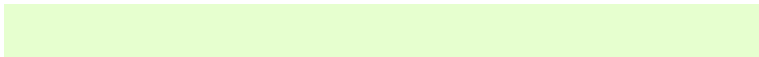
Harmonies

Analogous

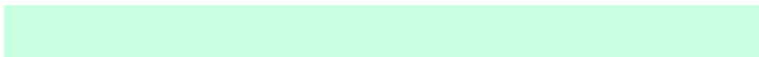
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0689, 92.8480, 66.1336



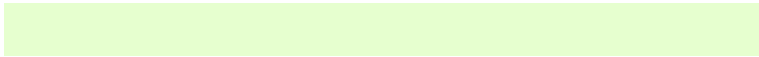
79.6556, 92.8480, 72.7546



75.6990, 92.8480, 87.2317

Triad

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



79.6556, 92.8480, 72.7546



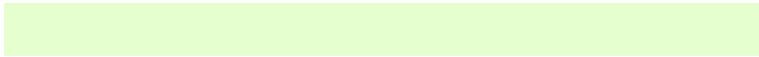
83.2654, 92.8480, 143.7973



102.9688, 92.8480, 94.9291

Complementary

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



79.6556, 92.8480, 72.7546



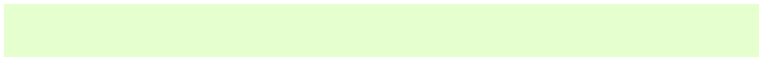
73.6424, 69.0026, 104.0452

Split Complementary

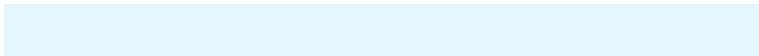
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.1152, 92.8480, 116.3559



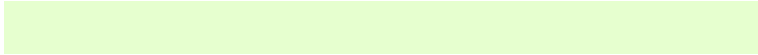
79.6556, 92.8480, 72.7546



90.4661, 92.8480, 146.6128

Square

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



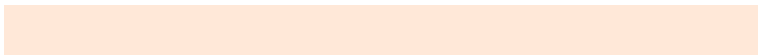
79.6556, 92.8480, 72.7546



77.7012, 92.8480, 128.7489



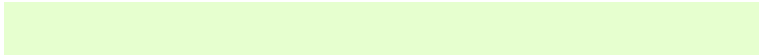
97.4397, 92.8480, 135.9798



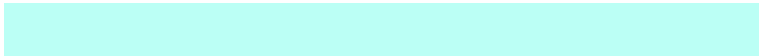
99.7112, 92.8480, 77.7160

Rectangle

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



79.6556, 92.8480, 72.7546



74.8519, 92.8480, 100.3511



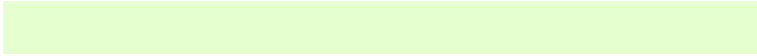
97.4397, 92.8480, 135.9798



103.1568, 92.8480, 101.8440

Sweetspot

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



79.6562, 92.8482, 72.7560



89.8124, 97.5733, 96.3045



81.3034, 83.3663, 70.8390



19.1056, 20.8300, 20.3329



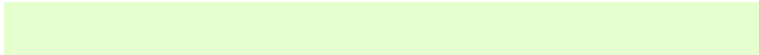
0.0000, 0.0000, 0.0000



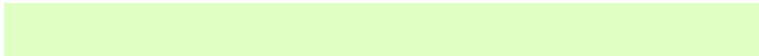
20.3446, 21.4041, 23.3091

Same Dimension

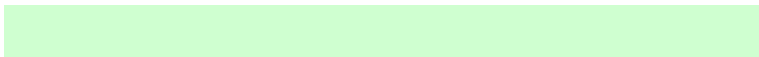
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6562, 92.8482, 72.7560



76.6448, 91.4413, 66.0440



72.8535, 89.3300, 72.9495



18.5997, 20.5951, 19.1393



23.0631, 39.6276, 6.4333



2.3708, 3.9230, 0.6323

Inverse Universe

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



73.6424, 69.0026, 104.0452



69.5150, 63.1721, 103.1373



81.4748, 73.0552, 103.7409



17.9057, 17.8431, 22.7503



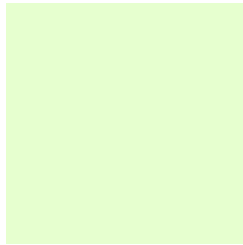
14.6440, 6.4597, 49.9096



1.5520, 0.6940, 4.8654

Previews

White Background



This preview shows how the XYZ color 79.6556, 92.8480, 72.7546 looks on a white background.

Color Contrast Check

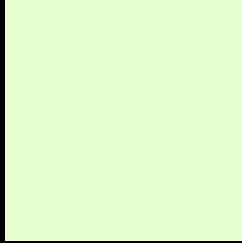
Large Text (above 18pt) WCAG AA × Fail

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 79.6556, 92.8480, 72.7546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

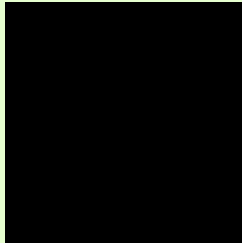
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

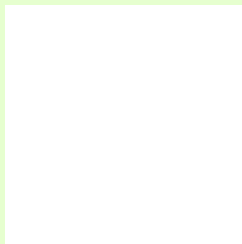
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6556, 92.8480, 72.7546

Background



This preview shows how black text looks on a background with the XYZ color 79.6556, 92.8480, 72.7546.



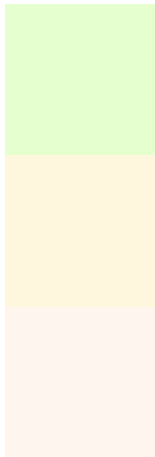
This preview shows how white text looks on a background with the XYZ color 79.6556, 92.8480,

72.7546.

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

79.6556, 92.8480, 72.7546

Protanopia

87.3806, 92.4455, 82.3455

Deuteranopia

89.4724, 92.7968, 94.8572

Tritanopia

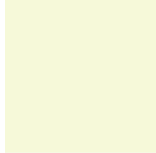
88.2729, 92.7962, 107.8667

Trichromacy



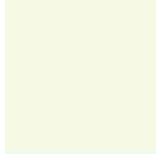
Original Color

79.6556, 92.8480, 72.7546



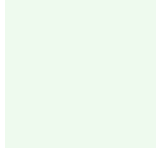
Protanomaly

84.4061, 92.3539, 79.0231



Deuteranomaly

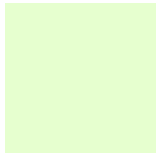
85.7468, 92.8902, 86.0833



Tritanomaly

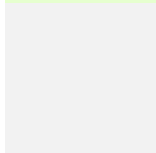
84.8781, 92.7214, 94.3124

Monochromacy



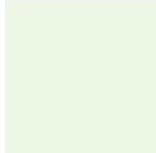
Original Color

79.6556, 92.8480, 72.7546



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 79.6556, 92.8480, 72.7546 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(230, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 207)  
}
```

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(230, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 79.6556, 92.8480, 72.7546 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(230, 255, 207) }
```


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

```
.border{ border-color:rgb(230, 255, 207) }
```

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

Here you see how a box with a 4 pixel rgb(230, 255, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6556, 92.8480, 72.7546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 207) }
```

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

```
.background{ background-color: rgb(230,  
255, 207) }
```

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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