

Converting Colors

XYZ(67.4804, 79.7164, 91.9510)

Have a look what the booklet for
XYZ(67.4804, 79.7164, 91.9510)
contains.

XYZ(67.4804, 79.7164, 91.9510)	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(67.4804, 79.7164,
91.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF1ED
RGB	188, 241, 237
RGB Percent	74%, 95%, 93%
CMY	0.2627, 0.0549, 0.0706
CMYK	0.22, 0.00, 0.02, 0.05
HSL	175°, 65%, 84%
HSV	175°, 22%, 95%
XYZ	67.4804, 79.7164, 91.9510
YIQ	224.6970, -30.3040, -12.4800

Conversions

Conversions Part 2

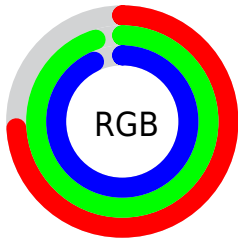
Format	Color
R_{YB}	188, 216, 241
Decimal	12382701
CIE _{Lab}	91.56, -17.56, -3.60
CIE _{LCh}	92, 17.925, 191.585
Yxy	79.7164, 0.2822, 0.3333
Android (android.graphics.Color)	4290572781 (0xFFBCF1ED)
YUV	224.6970, 6.0654, -32.1833
Hunter-Lab	89.2840, -21.3377, 1.4378

Details

The XYZ color **67.4804, 79.7164, 91.9510** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.7761, 58.4752, 57.7979**, and the grayscale version is **71.3258, 75.0403, 81.7189**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **35.5210, 43.1025, 50.1635** is the 20% darker color. If you saturate the color by 10%, you get **61.7680, 76.8042, 90.3040**, and if you desaturate by 10%, it is **74.1915, 83.1473, 93.6622**.

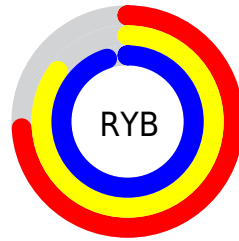
Distribution



Red (74%)

Green (95%)

Blue (93%)



Red (74%)

Yellow (85%)

Blue (95%)

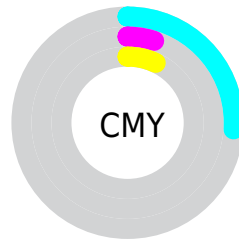


Cyan (22%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4804, 79.7164, 91.9510 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 67.4804, 79.7164, 91.9510 by changing the saturation by 10% instead.

67.4804, 79.7164,
91.9510

67.4804, 79.7164,
91.9510

441.0585,
493.9766, 555.0902

49.7473, 59.4850,
69.0171

114.6545,
132.9669, 152.0046

35.4296, 43.0037,
50.2538

144.8262,
166.7549, 189.9614

24.1620, 29.8880,
35.2425

179.8748,
205.8304, 233.7629

15.5793, 19.7536,
23.5647

220.1656,
250.5780, 283.8277

9.3159, 12.2161,
14.8018

266.0640,
301.3820, 340.5742

5.0065, 6.8910,
8.5353

317.9354,

2.2859, 3.3940,

358.6269, 404.4212

4.3467

376.1451,
422.6969, 475.7870

■ 0.7874, 1.3407,
1.8174

■ 0.0000, 0.1724,
0.4394

■ 67.4804, 79.7164,
91.9510

■ 67.4804, 79.7164,
91.9510

■ 61.7680, 76.8042,
90.3040

■ 74.1915, 83.1473,
93.6622

■ 56.9982, 74.3755,
88.7134

■ 81.9402, 87.1107,
95.4345

■ 53.1199, 72.4061,
87.1786

■ 88.7933, 90.6121,
97.1790

■ 50.0743, 70.8657,
85.6968

■ 89.0688, 90.7223,
98.6299

47.7957, 69.7204,
84.2647

89.3471, 90.8336,
100.0951

46.2083, 68.9311,
82.8789

89.6281, 90.9460,
101.5748

45.2210, 68.4509,
81.5350

89.9118, 91.0595,
103.0690

44.7494, 68.2305,
80.4838

90.1983, 91.1741,
104.5777

90.4876, 91.2898,
106.1009

Harmonies

Analogous

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



67.7316, 79.7164, 79.0867



67.4804, 79.7164, 91.9510



69.3826, 79.7164, 104.5985

Triad

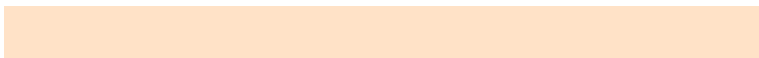
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4804, 79.7164, 91.9510



81.7523, 79.7164, 107.0182



78.5784, 79.7164, 65.0396

Complementary

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



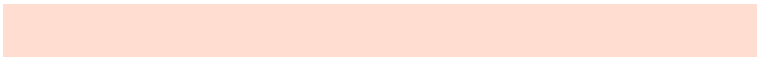
67.4804, 79.7164, 91.9510



63.7761, 58.4752, 57.7979

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.



82.5337, 79.7164, 71.1404



67.4804, 79.7164, 91.9510



84.4163, 79.7164, 94.9941

Square

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



67.4804, 79.7164, 91.9510



77.5467, 79.7164, 113.8635



84.7079, 79.7164, 81.8405



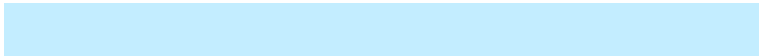
74.0168, 79.7164, 64.4014

Rectangle

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



67.4804, 79.7164, 91.9510



71.6624, 79.7164, 110.8707



84.7079, 79.7164, 81.8405



80.0276, 79.7164, 66.4886

Sweetspot

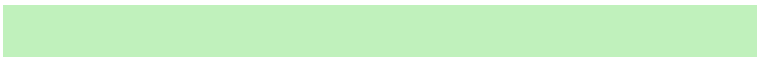
The Sweet Spot groups the original color and five complimentary colors.



67.4827, 79.7197, 91.9528



88.5688, 96.6838, 107.4676



62.3787, 77.8057, 59.3087



18.8438, 20.6362, 22.9764



0.0000, 0.0000, 0.0000



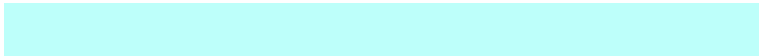
20.3446, 21.4041, 23.3091

Same Dimension

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



67.4827, 79.7197, 91.9528



73.9261, 89.2022, 103.7578



61.9284, 67.6644, 93.0194



16.1928, 17.9072, 20.0384



24.2880, 37.0072, 43.7610



2.0358, 3.0848, 3.7208

Inverse Universe

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



63.7761, 58.4752, 57.7979



69.0779, 61.4082, 59.0790



68.4227, 68.4686, 57.1879



15.8212, 15.7782, 16.6148



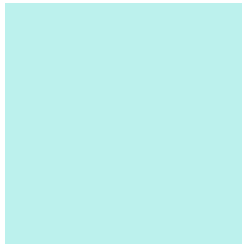
19.7498, 10.1724, 1.3333



1.6597, 0.8529, 0.1988

Previews

White Background



This preview shows how the XYZ color 67.4804, 79.7164, 91.9510 looks on a white background.

Color Contrast Check

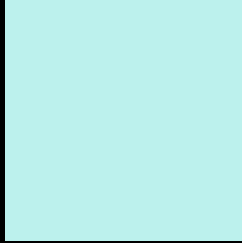
Large Text (above 18pt) WCAG AA × Fail

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 67.4804, 79.7164, 91.9510 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 67.4804, 79.7164, 91.9510

Background



This preview shows how black text looks on a background with the XYZ color 67.4804, 79.7164, 91.9510.



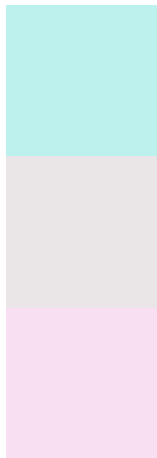
This preview shows how white text looks on a background with the XYZ color 67.4804, 79.7164,

91.9510.

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

67.4804, 79.7164, 91.9510

Protanopia

76.2339, 79.2442, 86.1406

Deuteranopia

80.9763, 79.0827, 94.2157



Tritanopia

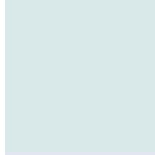
70.8399, 79.3905, 106.1980

Trichromacy



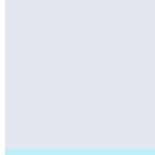
Original Color

67.4804, 79.7164, 91.9510



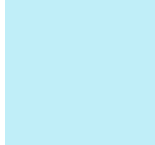
Protanomaly

72.4622, 78.9127, 88.5033



Deuteranomaly

75.3890, 79.0537, 93.7235



Tritanomaly

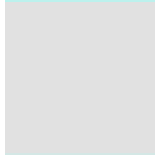
69.2560, 79.1328, 100.4309

Monochromacy



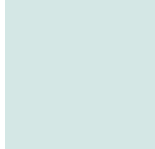
Original Color

67.4804, 79.7164, 91.9510



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.8701, 76.8060, 85.2712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4804, 79.7164, 91.9510 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(188, 241, 237)` looks like.

```
.text, #text, p{  
    color:rgb(188, 241, 237)  
}
```

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(188, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 241, 237) }
```

Border

The CSS property to change the border of an element to XYZ 67.4804, 79.7164, 91.9510 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(188, 241, 237) }
```


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

```
.border{ border-color:rgb(188, 241, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 241, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(188, 241,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4804, 79.7164, 91.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 241, 237) }
```

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

```
.background{ background-color: rgb(188,  
241, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor