

Converting Colors

XYZ(67.4493, 80.6596, 95.9455)

Have a look what the booklet for
XYZ(67.4493, 80.6596, 95.9455)
contains.

XYZ(67.3690, 80.4571, 95.9834)	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(67.3690, 80.4571,
95.9834)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F3F2
RGB	182, 243, 242
RGB Percent	71%, 95%, 95%
CMY	0.2863, 0.0470, 0.0510
CMYK	0.25, 0.00, 0.00, 0.05
HSL	179°, 72%, 83%
HSV	179°, 25%, 95%
XYZ	67.3690, 80.4571, 95.9834
YIQ	224.6470, -36.0350, -13.2430

Conversions

Conversions Part 2

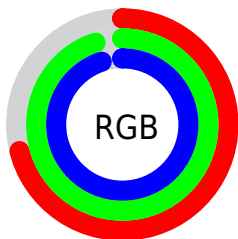
Format	Color
R _Y B	182, 213, 243
Decimal	11990002
CIE Lab	91.89, -19.24, -5.75
CIE LCh	92, 20.079, 196.644
Yxy	80.4571, 0.2763, 0.3300
Android (android.graphics.Color)	4290180082 (0xFFB6F3F2)
YUV	224.6470, 8.5550, -37.4014
Hunter-Lab	89.6979, -22.9061, -0.6562

Details

The XYZ color **67.3690, 80.4571, 95.9834** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.2402, 55.9317, 52.3185**, and the grayscale version is **71.2756, 74.9875, 81.6614**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **35.3856, 43.5978, 53.0046** is the 20% darker color. If you saturate the color by 10%, you get **62.0614, 77.7299, 95.4237**, and if you desaturate by 10%, it is **73.6773, 83.7042, 96.5940**.

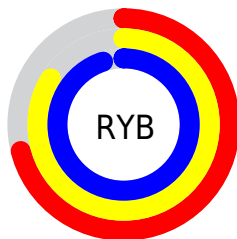
Distribution



Red (71%)

Green (95%)

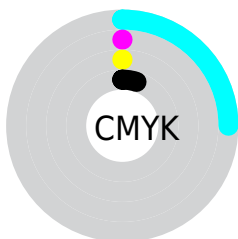
Blue (95%)



Red (71%)

Yellow (84%)

Blue (95%)

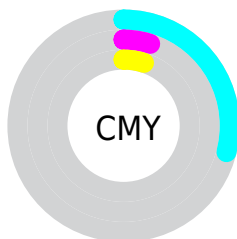


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3690, 80.4571, 95.9834 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 67.3690, 80.4571, 95.9834 by changing the saturation by 10% instead.

67.3690, 80.4571,
95.9834

67.3690, 80.4571,
95.9834

440.6690,
496.4720, 568.3730

49.6564, 60.0946,
72.3523

114.4959,
134.0082, 157.6298

35.3571, 43.4949,
52.9579

144.6408,
167.9656, 196.4821

24.1059, 30.2736,
37.3817

179.6606,
207.2233, 241.2453

15.5374, 20.0463,
25.2051

219.9205,
252.1659, 292.3379

9.2861, 12.4287,
16.0095

265.7859,
303.1776, 350.1785

4.9869, 7.0364,
9.3764

317.6223,

2.2742, 3.4849,

360.6430, 415.1855

4.8874

375.7948,
424.9463, 487.7775

■ 0.7814, 1.3898,
2.1237

■ 0.0000, 0.2092,
0.6299

■ 67.3690, 80.4571,
95.9834

■ 67.3690, 80.4571,
95.9834

■ 62.0614, 77.7299,
95.4237

■ 73.6773, 83.7042,
96.5940

■ 57.6959, 75.4863,
94.9071

■ 81.0269, 87.4861,
97.2523

■ 54.2189, 73.7008,
94.4328

■ 89.4648, 91.8291,
97.9623

■ 51.5684, 72.3413,
93.9978

■ 89.5605, 91.8714,
98.2825

■ 49.6746, 71.3718,
93.5989

■ 89.6211, 91.8957,
98.6018

■ 48.4560, 70.7505,
93.2323

■ 89.6819, 91.9200,
98.9217

■ 47.8124, 70.4256,
92.8933

■ 89.7427, 91.9443,
99.2424

■ 47.6333, 70.3365,
92.7339

■ 89.8038, 91.9687,
99.5637

■ 89.8649, 91.9932,
99.8857

Harmonies

Analogous

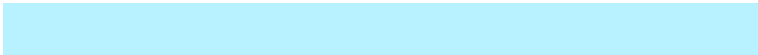
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.2339, 80.4571, 81.2134



67.3690, 80.4571, 95.9834



69.8714, 80.4571, 109.8918

Triad

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



67.3690, 80.4571, 95.9834



83.9027, 80.4571, 108.5581



78.7830, 80.4571, 62.8006

Complementary

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



67.3690, 80.4571, 95.9834



62.2402, 55.9317, 52.3185

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.



83.4758, 80.4571, 68.5541



67.3690, 80.4571, 95.9834



86.5199, 80.4571, 94.3216

Square

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



67.3690, 80.4571, 95.9834



79.3445, 80.4571, 117.6911



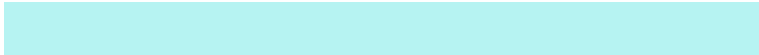
86.3603, 80.4571, 79.7272



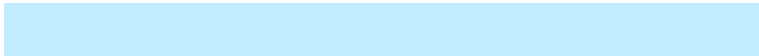
73.6698, 80.4571, 63.1387

Rectangle

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



67.3690, 80.4571, 95.9834



72.6121, 80.4571, 116.3137



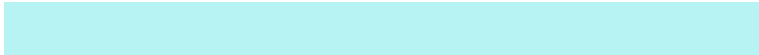
86.3603, 80.4571, 79.7272



80.4664, 80.4571, 64.0561

Sweetspot

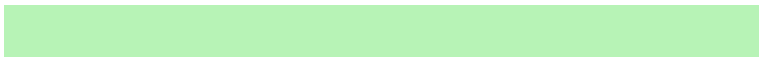
The Sweet Spot groups the original color and five complimentary colors.



67.3713, 80.4604, 95.9852



87.8850, 96.3126, 108.2830



60.0289, 77.5512, 56.0625



18.5412, 20.4760, 23.1531



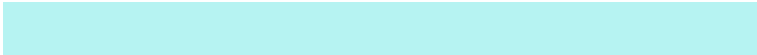
0.0000, 0.0000, 0.0000



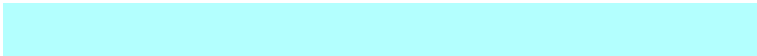
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3713, 80.4604, 95.9852



72.0831, 88.1835, 106.7714



59.3958, 64.2676, 94.0722



16.9843, 18.7528, 21.2015



26.1470, 38.6036, 50.9214



2.3018, 3.3944, 4.4950

Inverse Universe

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



62.2402, 55.9317, 52.3185



65.4736, 56.5856, 50.5221



68.8230, 69.2640, 53.9994



16.5102, 16.4869, 17.1673



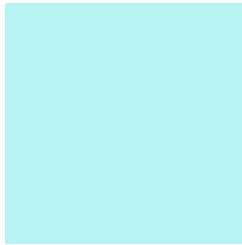
20.3029, 10.4646, 1.0377



1.7882, 0.9213, 0.1113

Previews

White Background



This preview shows how the XYZ color 67.3690, 80.4571, 95.9834 looks on a white background.

Color Contrast Check

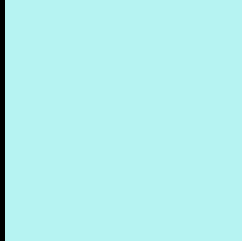
Large Text (above 18pt) WCAG AA × Fail

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 67.3690, 80.4571, 95.9834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

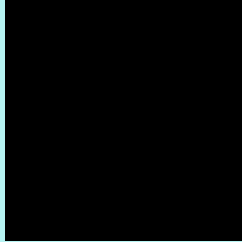
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3690, 80.4571, 95.9834

Background



This preview shows how black text looks on a background with the XYZ color 67.3690, 80.4571, 95.9834.



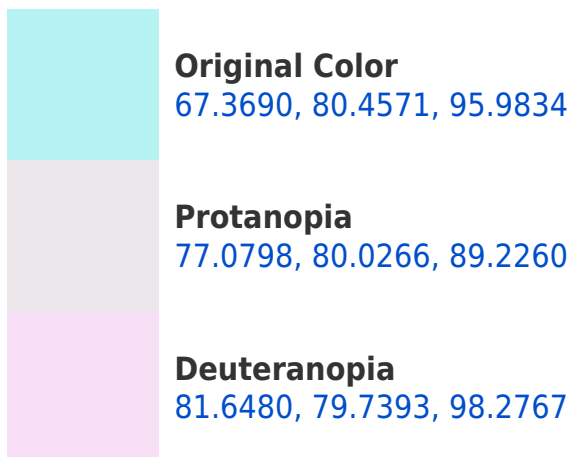
This preview shows how white text looks on a background with the XYZ color 67.3690, 80.4571,

95.9834.

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





Tritanopia

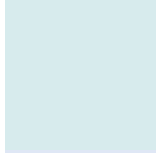
71.1646, 80.4223, 106.3800

Trichromacy



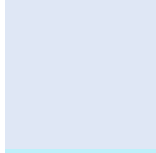
Original Color

67.3690, 80.4571, 95.9834



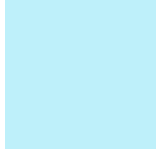
Protanomaly

73.0187, 79.9782, 91.7096



Deuteranomaly

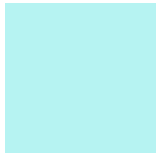
75.4888, 79.4324, 97.7395



Tritanomaly

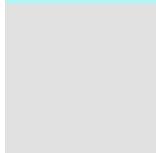
69.6506, 80.1695, 102.2458

Monochromacy



Original Color

67.3690, 80.4571, 95.9834



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.5749, 77.0381, 86.8041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3690, 80.4571, 95.9834 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(182, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(182, 243, 242)  
}
```

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(182, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 243, 242) }
```

Border

The CSS property to change the border of an element to XYZ 67.3690, 80.4571, 95.9834 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(182, 243, 242) }
```


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

```
.border{ border-color:rgb(182, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(182, 243,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3690, 80.4571, 95.9834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 243, 242) }
```

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

```
.background{ background-color: rgb(182,  
243, 242) }
```

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