

Converting Colors

XYZ(66.9809, 79.5843, 96.1514)

Have a look what the booklet for
XYZ(66.9809, 79.5843, 96.1514)
contains.

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Color

**XYZ(67.0705, 79.8601,
95.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F2F2
RGB	182, 242, 242
RGB Percent	71%, 95%, 95%
CMY	0.2863, 0.0510, 0.0510
CMYK	0.25, 0.00, 0.00, 0.05
HSL	180°, 70%, 83%
HSV	180°, 25%, 95%
XYZ	67.0705, 79.8601, 95.8840
YIQ	224.0600, -35.7600, -12.7200

Conversions

Conversions Part 2

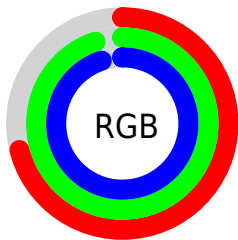
Format	Color
RYB	182, 212, 242
Decimal	11989746
CIELab	91.62, -18.74, -6.15
CIELCh	92, 19.726, 198.155
Yxy	79.8601, 0.2762, 0.3289
Android (android.graphics.Color)	4290179826 (0xFFB6F2F2)
YUV	224.0600, 8.8444, -36.8866
Hunter-Lab	89.3645, -22.4187, -1.0603

Details

The XYZ color **67.0705, 79.8601, 95.8840** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.7921, 55.7127, 51.7559**, and the grayscale version is **70.8533, 74.5432, 81.1776**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **35.1742, 43.1750, 52.9341** is the 20% darker color. If you saturate the color by 10%, you get **61.8423, 77.1669, 95.6401**, and if you desaturate by 10%, it is **73.2910, 83.0689, 96.1777**.

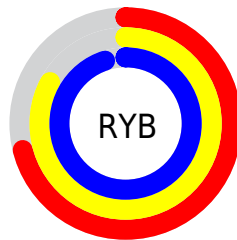
Distribution



Red (71%)

Green (95%)

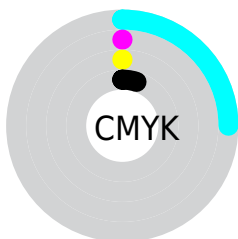
Blue (95%)



Red (71%)

Yellow (83%)

Blue (95%)

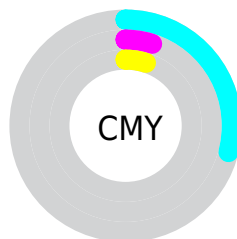


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0705, 79.8601, 95.8840 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 67.0705, 79.8601, 95.8840 by changing the saturation by 10% instead.

67.0705, 79.8601,
95.8840

67.0705, 79.8601,
95.8840

439.6242,
494.4612, 568.0476

49.4128, 59.6032,
72.2700

114.0707,
133.1690, 157.4914

35.1630, 43.0989,
52.8911

144.1439,
166.9899, 196.3219

23.9555, 29.9627,
37.3287

179.0863,
206.1008, 241.0616

15.4252, 19.8103,
25.1643

219.2633,
250.8863, 292.1291

9.2066, 12.2572,
15.9794

265.0402,
301.7307, 349.9429

4.9344, 6.9191,
9.3554

316.7825,

2.2432, 3.4116,

359.0184, 414.9215

4.8737

374.8553,
423.1338, 487.4836

■ 0.7653, 1.3502,
2.1159

■ 0.0000, 0.1796,
0.6252

■ 67.0705, 79.8601,
95.8840

■ 67.0705, 79.8601,
95.8840

■ 61.8423, 77.1669,
95.6401

■ 73.2910, 83.0689,
96.1777

■ 57.5486, 74.9535,
95.4383

■ 80.5440, 86.8079,
96.5181

■ 54.1364, 73.1944,
95.2777

■ 88.8758, 91.1031,
96.9089

■ 51.5447, 71.8584,
95.1555

■ 89.0215, 91.1782,
96.9166

49.7044, 70.9097,
95.0684

89.0217, 91.1783,
96.9176

48.5355, 70.3071,
95.0128

89.0218, 91.1783,
96.9185

47.9397, 70.0000,
94.9840

89.0220, 91.1784,
96.9194

47.7795, 69.9174,
94.9760

89.0222, 91.1785,
96.9203

89.0223, 91.1785,
96.9212

Harmonies

Analogous

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



66.8168, 79.8601, 81.3850



67.0705, 79.8601, 95.8840



69.6265, 79.8601, 109.2915

Triad

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



67.0705, 79.8601, 95.8840



83.3488, 79.8601, 106.7971



77.9096, 79.8601, 62.5393

Complementary

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



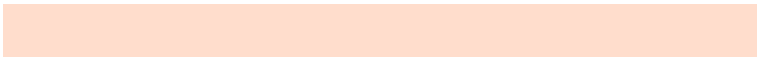
67.0705, 79.8601, 95.8840



61.7921, 55.7127, 51.7559

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.



82.5493, 79.8601, 67.8886



67.0705, 79.8601, 95.8840



85.7812, 79.8601, 92.7716

Square

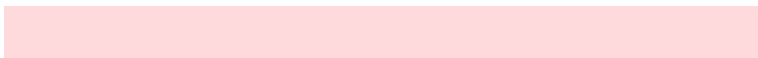
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.0705, 79.8601, 95.8840



78.9618, 79.8601, 116.0561



85.4823, 79.8601, 78.5965



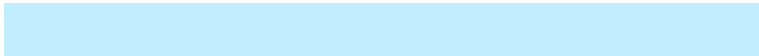
72.9274, 79.8601, 63.1756

Rectangle

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



67.0705, 79.8601, 95.8840



72.3583, 79.8601, 115.3172



85.4823, 79.8601, 78.5965



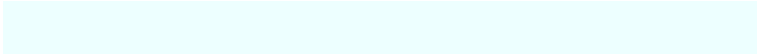
79.5650, 79.8601, 63.6705

Sweetspot

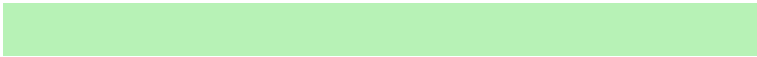
The Sweet Spot groups the original color and five complimentary colors.



67.0728, 79.8633, 95.8858



88.7850, 96.7703, 108.6061



59.7264, 76.9521, 55.9628



18.8940, 20.6563, 23.2410



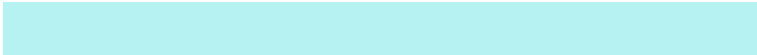
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



67.0728, 79.8633, 95.8858



72.2845, 88.2640, 107.8315



59.1149, 63.9469, 93.2353



16.2474, 17.9290, 20.3257



25.6664, 37.5586, 51.0198



2.1352, 3.1245, 4.2444

Inverse Universe

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



61.7921, 55.7127, 51.7559



65.3466, 56.5348, 49.8533



68.3585, 68.8459, 53.9432



15.7729, 15.7589, 16.3603



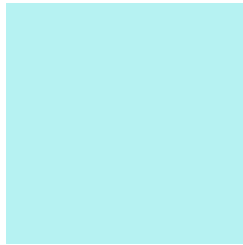
19.6715, 10.1410, 0.9209



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 67.0705, 79.8601, 95.8840 looks on a white background.

Color Contrast Check

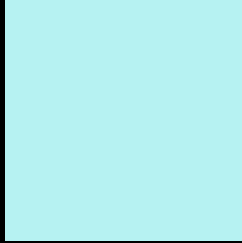
Large Text (above 18pt) WCAG AA × Fail

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 67.0705, 79.8601, 95.8840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

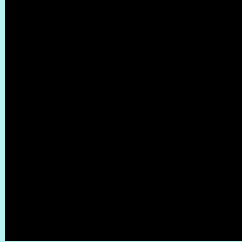
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

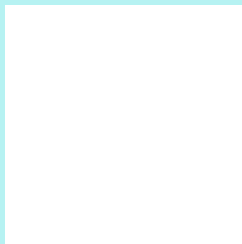
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0705, 79.8601, 95.8840

Background



This preview shows how black text looks on a background with the XYZ color 67.0705, 79.8601, 95.8840.



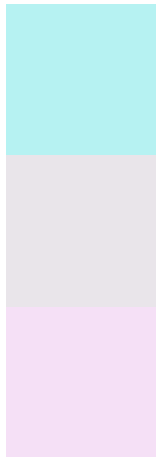
This preview shows how white text looks on a background with the XYZ color 67.0705, 79.8601,

95.8840.

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

67.0705, 79.8601, 95.8840

Protanopia

76.4749, 79.3028, 89.1182

Deuteranopia

80.9464, 79.3776, 98.2439



Tritanopia

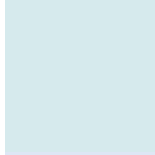
70.3628, 79.5755, 106.2588

Trichromacy



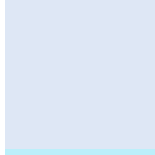
Original Color

67.0705, 79.8601, 95.8840



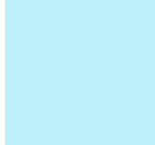
Protanomaly

72.4404, 79.2562, 91.6007



Deuteranomaly

75.1815, 79.2740, 97.7251



Tritanomaly

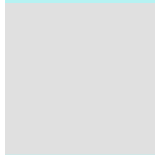
68.8609, 79.3265, 102.1247

Monochromacy



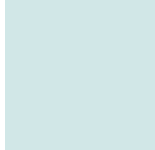
Original Color

67.0705, 79.8601, 95.8840



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

69.2942, 76.4767, 86.7106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0705, 79.8601, 95.8840 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, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(182, 242, 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, 242, 242) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 67.0705, 79.8601, 95.8840 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, 242, 242) }
```


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

```
.border{ border-color:rgb(182, 242, 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, 242, 242)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 67.0705, 79.8601, 95.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(182,  
242, 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](#).

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