

Converting Colors

XYZ(67.2695, 81.6793, 99.4090)

Have a look what the booklet for
XYZ(67.2695, 81.6793, 99.4090)
contains.

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Color

**XYZ(67.2695, 81.6793,
99.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	AFF6F6
RGB	175, 246, 246
RGB Percent	69%, 96%, 96%
CMY	0.3137, 0.0353, 0.0353
CMYK	0.29, 0.00, 0.00, 0.04
HSL	180°, 80%, 83%
HSV	180°, 29%, 96%
XYZ	67.2695, 81.6793, 99.4090
YIQ	224.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

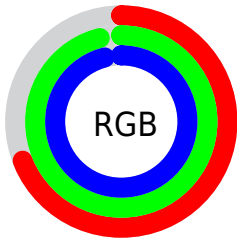
Format	Color
RYB	175, 211, 246
Decimal	11532022
CIELab	92.43, -21.80, -7.07
CIElCh	92, 22.917, 197.966
Yxy	81.6793, 0.2709, 0.3289
Android (android.graphics.Color)	4289722102 (0xFFAFF6F6)
YUV	224.7710, 10.4659, -43.6492
Hunter-Lab	90.3766, -25.2972, -1.9519

Details

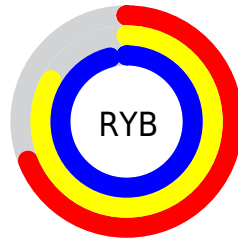
The XYZ color **67.2695, 81.6793, 99.4090** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.0767, 53.3502, 47.6391**, and the grayscale version is **71.3545, 75.0705, 81.7518**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **35.4534, 44.5377, 55.4432** is the 20% darker color. If you saturate the color by 10%, you get **62.2437, 79.0905, 99.1748**, and if you desaturate by 10%, it is **73.3058, 84.7932, 99.6941**.

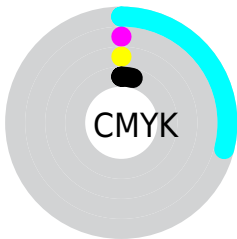
Distribution



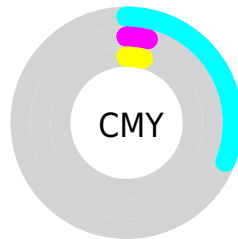
- Red (69%)
- Green (96%)
- Blue (96%)



- Red (69%)
- Yellow (83%)
- Blue (96%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (31%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2695, 81.6793, 99.4090 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 67.2695, 81.6793, 99.4090 by changing the saturation by 10% instead.

67.2695, 81.6793,
99.4090

67.2695, 81.6793,
99.4090

440.3209,
500.5743, 579.5267

49.5752, 61.1012,
75.1929

114.3542,
135.7242, 162.3896

35.2924, 44.3069,
55.2683

144.4752,
169.9598, 201.9911

24.0558, 30.9118,
39.2165

179.4692,
209.5167, 247.5583

15.4999, 20.5317,
26.6191

219.7015,
254.7792, 299.5096

9.2596, 12.7821,
17.0574

265.5375,
306.1319, 358.2635

4.9694, 7.2787,
10.1131

317.3424,

2.2639, 3.6370,

363.9590, 424.2386

5.3674

375.4818,
428.6451, 497.8535

0.7761, 1.4727,
2.4019

0.0000, 0.2694,
0.7875

67.2695, 81.6793,
99.4090

67.2695, 81.6793,
99.4090

62.2437, 79.0905,
99.1748

73.3058, 84.7932,
99.6941

58.1667, 76.9887,
98.9832


80.3961, 88.4483,
100.0267


54.9810, 75.3464,
98.8333

88.5897, 92.6723,
100.4109


52.6199, 74.1293,
98.7220


90.8326, 93.8285,
100.5167


 51.0074, 73.2980,
98.6457


 90.8327, 93.8286,
100.5175


 50.0537, 72.8064,
98.6003


 90.8329, 93.8286,
100.5183

 49.6260, 72.5859,
98.5795

 90.8330, 93.8287,
100.5191

 49.5909, 72.5678,
98.5778

 90.8332, 93.8287,
100.5199

 90.8334, 93.8288,
100.5207

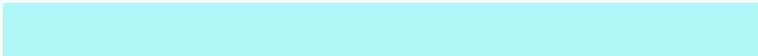
Harmonies

Analogous

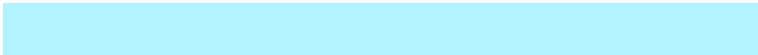
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.9919, 81.6793, 82.2886



67.2695, 81.6793, 99.4090



70.2356, 81.6793, 115.5055

Triad

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



67.2695, 81.6793, 99.4090



86.4284, 81.6793, 112.6803



80.0392, 81.6793, 60.6297

Complementary

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



67.2695, 81.6793, 99.4090



61.0767, 53.3502, 47.6391

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.



85.5340, 81.6793, 66.7876



67.2695, 81.6793, 99.4090



89.3467, 81.6793, 95.9297

Square

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



67.2695, 81.6793, 99.4090



81.2097, 81.6793, 123.8145



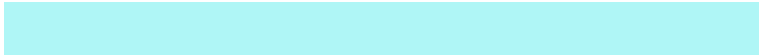
89.0113, 81.6793, 79.2236



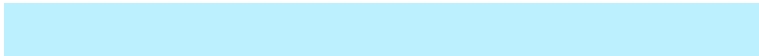
74.1643, 81.6793, 61.3107

Rectangle

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



67.2695, 81.6793, 99.4090



73.4278, 81.6793, 122.8269



89.0113, 81.6793, 79.2236



81.9973, 81.6793, 61.9326

Sweetspot

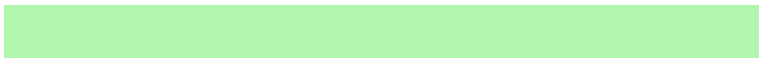
The Sweet Spot groups the original color and five complimentary colors.



67.2719, 81.6826, 99.4109



87.1048, 95.9041, 108.5274



58.6421, 78.2615, 52.5743



18.3888, 20.3959, 23.2174



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

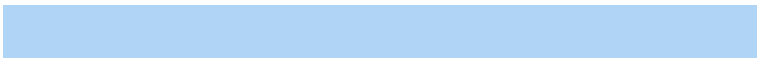
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2719, 81.6826, 99.4109



69.4829, 86.8198, 107.7005



57.7805, 62.6992, 96.2493



16.9968, 18.7578, 21.2672



26.4686, 38.7323, 52.6149



2.3263, 3.4042, 4.6244

Inverse Universe

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



61.0767, 53.3502, 47.6391



61.6912, 51.1858, 42.5864



68.6250, 68.4473, 50.1538



16.4992, 16.4825, 17.1096



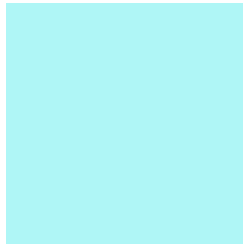
20.2862, 10.4579, 0.9496



1.7830, 0.9192, 0.0835

Previews

White Background



This preview shows how the XYZ color 67.2695, 81.6793, 99.4090 looks on a white background.

Color Contrast Check

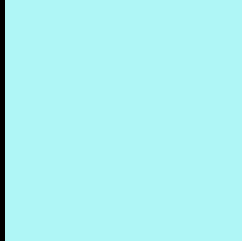
Large Text (above 18pt) WCAG AA × Fail

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 67.2695, 81.6793, 99.4090 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 67.2695, 81.6793, 99.4090

Background



This preview shows how black text looks on a background with the XYZ color 67.2695, 81.6793, 99.4090.

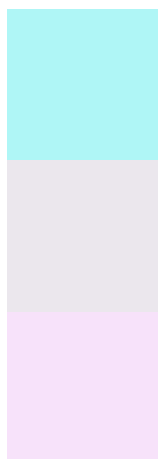


This preview shows how white text looks on a background with the XYZ color 67.2695, 81.6793,

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

67.2695, 81.6793, 99.4090

Protanopia

78.1229, 80.9284, 91.6240

Deuteranopia

82.8094, 81.0690, 101.7258



Tritanopia

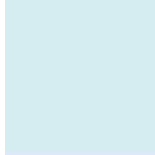
71.7158, 81.1423, 106.4899

Trichromacy



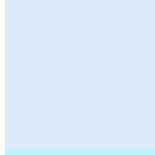
Original Color

67.2695, 81.6793, 99.4090



Protanomaly

73.1642, 80.4283, 94.1061



Deuteranomaly

76.0566, 80.4895, 101.1500



Tritanomaly

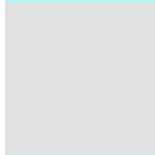
70.0619, 81.2239, 104.0806

Monochromacy



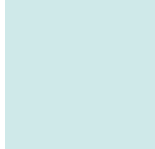
Original Color

67.2695, 81.6793, 99.4090



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.5790, 77.4264, 88.3684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2695, 81.6793, 99.4090 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(175, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(175, 246, 246)  
}
```

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(175, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 246, 246) }
```

Border

The CSS property to change the border of an element to XYZ 67.2695, 81.6793, 99.4090 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(175, 246, 246) }
```


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

```
.border{ border-color:rgb(175, 246, 246) }
```

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

Here you see how a box with a 4 pixel rgb(175, 246, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(175, 246,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2695, 81.6793, 99.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 246, 246) }
```

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

```
.background{ background-color: rgb(175,  
246, 246) }
```

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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