

Converting Colors

XYZ(67.2104, 79.9448, 96.4568)

Have a look what the booklet for
XYZ(67.2104, 79.9448, 96.4568)
contains.

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Color

**XYZ(67.2212, 79.9204,
96.6773)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F2F3
RGB	182, 242, 243
RGB Percent	71%, 95%, 95%
CMY	0.2863, 0.0510, 0.0471
CMYK	0.25, 0.00, 0.00, 0.05
HSL	181°, 72%, 83%
HSV	181°, 25%, 95%
XYZ	67.2212, 79.9204, 96.6773
YIQ	224.1740, -36.0810, -12.4090

Conversions

Conversions Part 2

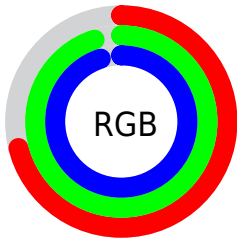
Format	Color
RYB	182, 212, 243
Decimal	11989747
CIELab	91.65, -18.53, -6.63
CIElCh	92, 19.677, 199.681
Yxy	79.9204, 0.2757, 0.3278
Android (android.graphics.Color)	4290179827 (0xFFB6F2F3)
YUV	224.1740, 9.2812, -36.9866
Hunter-Lab	89.3982, -22.2274, -1.5388

Details

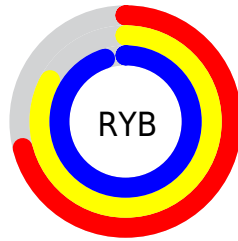
The XYZ color **67.2212, 79.9204, 96.6773** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.3400, 56.2995, 51.8388**, and the grayscale version is **70.9320, 74.6260, 81.2677**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **35.2809, 43.2177, 53.4961** is the 20% darker color. If you saturate the color by 10%, you get **61.8555, 76.9810, 96.3941**, and if you desaturate by 10%, it is **73.5876, 83.3801, 97.0109**.

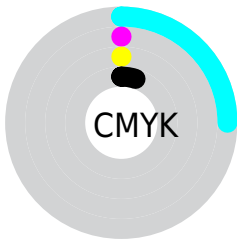
Distribution



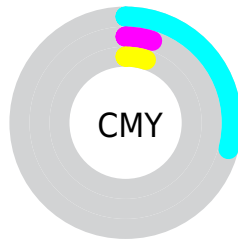
- Red (71%)
- Green (95%)
- Blue (95%)



- 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 67.2212, 79.9204, 96.6773 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 67.2212, 79.9204, 96.6773 by changing the saturation by 10% instead.

67.2212, 79.9204,
96.6773

67.2212, 79.9204,
96.6773

440.1518,
494.6645, 570.6418

49.5358, 59.6529,
72.9272

114.2854,
133.2538, 158.5953

35.2610, 43.1389,
53.4250

144.3948,
167.0885, 197.6003

24.0314, 29.9941,
37.7521

179.3763,
206.2143, 242.5273

15.4818, 19.8341,
25.4900

219.5952,
251.0156, 293.7948

9.2467, 12.2745,
16.2202

265.4168,
301.8770, 351.8216

4.9609, 6.9309,
9.5240

317.2066,

2.2588, 3.4189,

359.1826, 417.0259

4.9831

375.3298,
423.3170, 489.8265

■ 0.7735, 1.3542,
2.1788

■ 0.0000, 0.1826,
0.6621

■ 67.2212, 79.9204,
96.6773

■ 67.2212, 79.9204,
96.6773

■ 61.8555, 76.9810,
96.3941

■ 73.5876, 83.3801,
97.0109

■ 57.4320, 74.5257,
96.1533

■ 80.9955, 87.3751,
97.3915

■ 53.8972, 72.5288,
95.9542

■ 89.4918, 91.9316,
97.8232

■ 51.1890, 70.9585,
95.7938

■ 89.6464, 92.1881,
97.8646

49.2374, 69.7787,
95.6689

89.7658, 92.4269,
97.9044

47.9613, 68.9474,
95.5757

89.8854, 92.6662,
97.9443

47.2604, 68.4130,
95.5095

90.0053, 92.9060,
97.9842

47.0531, 68.2215,
95.4835

90.1255, 93.1463,
98.0243

90.2459, 93.3872,
98.0644

Harmonies

Analogous

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



66.8456, 79.9204, 82.1556



67.2212, 79.9204, 96.6773



69.8791, 79.9204, 109.8732

Triad

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



67.2212, 79.9204, 96.6773



83.5709, 79.9204, 106.1840



77.7062, 79.9204, 62.5323

Complementary

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



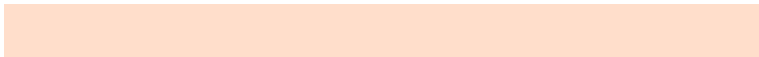
67.2212, 79.9204, 96.6773



62.3400, 56.2995, 51.8388

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.



82.3880, 79.9204, 67.5776



67.2212, 79.9204, 96.6773



85.8716, 79.9204, 92.0722

Square

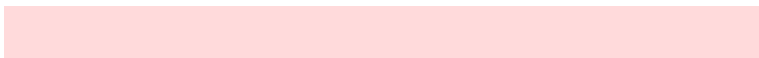
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2212, 79.9204, 96.6773



79.2632, 79.9204, 115.7671



85.4293, 79.9204, 78.0277



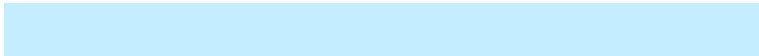
72.7536, 79.9204, 63.4750

Rectangle

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



67.2212, 79.9204, 96.6773



72.6554, 79.9204, 115.6396



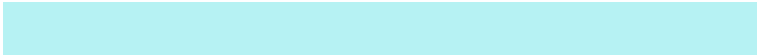
85.4293, 79.9204, 78.0277



79.3673, 79.9204, 63.5605

Sweetspot

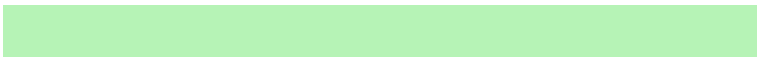
The Sweet Spot groups the original color and five complimentary colors.



67.2235, 79.9236, 96.6791



87.8327, 96.1216, 108.5318



59.7870, 77.4252, 56.0510



18.5279, 20.4275, 23.2163



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.



67.2235, 79.9236, 96.6791



71.8874, 87.4690, 107.7021



59.1393, 63.7551, 93.9844



16.9721, 18.7086, 21.2592



25.8345, 37.4628, 52.4074



2.2779, 3.3072, 4.6085

Inverse Universe

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



69.7190, 58.9232, 91.7068



75.1094, 60.4399, 101.2632



69.0758, 69.7710, 54.0840



17.2013, 16.7634, 20.8064



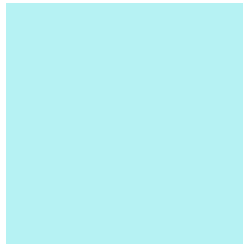
28.8446, 13.8813, 46.0174



2.5388, 1.2215, 4.0639

Previews

White Background



This preview shows how the XYZ color 67.2212, 79.9204, 96.6773 looks on a white background.

Color Contrast Check

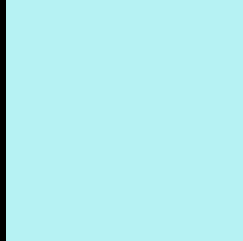
Large Text (above 18pt) WCAG AA × Fail

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 67.2212, 79.9204, 96.6773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

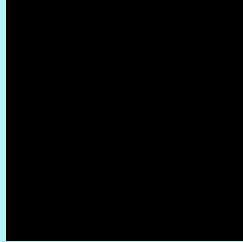
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2212, 79.9204, 96.6773

Background



This preview shows how black text looks on a background with the XYZ color 67.2212, 79.9204, 96.6773.

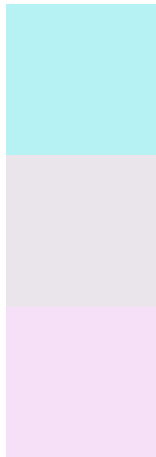


This preview shows how white text looks on a background with the XYZ color 67.2212, 79.9204,

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

67.2212, 79.9204, 96.6773

Protanopia

76.6190, 79.3604, 89.8771

Deuteranopia

81.1003, 79.4392, 99.0545



Tritanopia

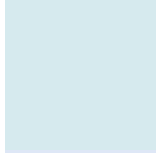
70.3628, 79.5755, 106.2588

Trichromacy



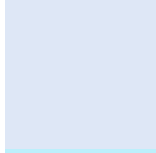
Original Color

67.2212, 79.9204, 96.6773



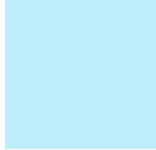
Protanomaly

72.5870, 79.3148, 92.3725



Deuteranomaly

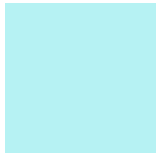
75.3347, 79.3352, 98.5314



Tritanomaly

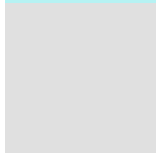
69.0181, 79.3894, 102.9528

Monochromacy



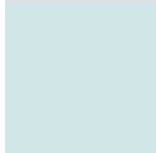
Original Color

67.2212, 79.9204, 96.6773



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 67.2212, 79.9204, 96.6773 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, 243)` looks like.

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

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, 243) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 67.2212, 79.9204, 96.6773 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, 243) }
```


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

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

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, 243)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 67.2212, 79.9204, 96.6773 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, 243) }
```

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

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

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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