

Converting Colors

XYZ(67.2657, 78.1322, 97.7620)

Have a look what the booklet for
XYZ(67.2657, 78.1322, 97.7620)
contains.

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Color

**XYZ(67.3057, 78.1807,
97.9292)**

Conversions

Conversions Part 1

Format	Color
Hex	BAEEF5
RGB	186, 238, 245
RGB Percent	73%, 93%, 96%
CMY	0.2706, 0.0666, 0.0392
CMYK	0.24, 0.03, 0.00, 0.04
HSL	187°, 75%, 85%
HSV	187°, 24%, 96%
XYZ	67.3057, 78.1807, 97.9292
YIQ	223.2500, -33.2390, -8.8470

Conversions

Conversions Part 2

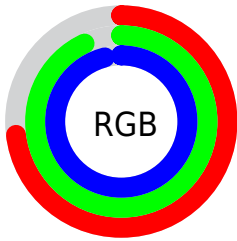
Format	Color
R _Y B	186, 214, 245
Decimal	12250869
CIE Lab	90.86, -14.95, -8.81
CIE LCh	91, 17.352, 210.511
Yxy	78.1807, 0.2765, 0.3212
Android (android.graphics.Color)	4290440949 (0xFFBAEEF5)
YUV	223.2500, 10.7227, -32.6683
Hunter-Lab	88.4199, -18.8595, -3.7726

Details

The XYZ color **67.3057, 78.1807, 97.9292** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.5901, 61.0981, 54.7923**, and the grayscale version is **70.2619, 73.9210, 80.4999**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **35.2733, 41.9553, 54.3832** is the 20% darker color. If you saturate the color by 10%, you get **61.0178, 73.6954, 97.3961**, and if you desaturate by 10%, it is **74.6323, 83.2257, 98.5181**.

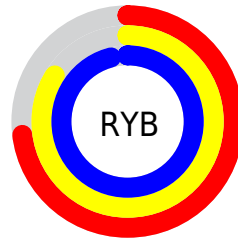
Distribution



Red (73%)

Green (93%)

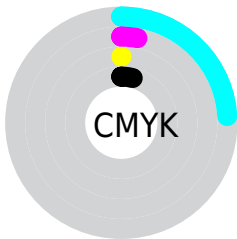
Blue (96%)



Red (73%)

Yellow (84%)

Blue (96%)

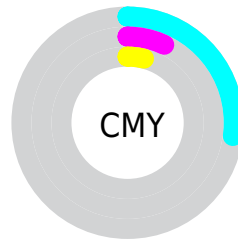


Cyan (24%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3057, 78.1807, 97.9292 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 67.3057, 78.1807, 97.9292 by changing the saturation by 10% instead.

67.3057, 78.1807,
97.9292

67.3057, 78.1807,
97.9292

440.4475,
488.7803, 574.7227

49.6047, 58.2224,
73.9650

114.4057,
130.8048, 160.3355

35.3159, 41.9875,
54.2688

144.5355,
164.2395, 199.6147

24.0740, 29.0915,
38.4220

179.5388,
202.9350, 244.8360

15.5135, 19.1501,
26.0060

219.7812,
247.2759, 296.4179

9.2692, 11.7788,
16.6023

265.6279,
297.6464, 354.7790

4.9757, 6.5932,
9.7924

317.4443,

2.2676, 3.2090,

354.4311, 420.3378

5.1577

375.5957,
418.0142, 493.5129

■ 0.7780, 1.2418,
2.2798

■ 0.0000, 0.0955,
0.7198

■ 67.3057, 78.1807,
97.9292

■ 67.3057, 78.1807,
97.9292

■ 61.0178, 73.6954,
97.3961

■ 74.6323, 83.2257,
98.5181

■ 55.7097, 69.7333,
96.9112

■ 83.0391, 88.8460,
99.1599

■ 51.3268, 66.2683,
96.4733

■ 90.8973, 94.2040,
99.7799

■ 47.8067, 63.2681,
96.0798

■ 91.7916, 95.9924,
100.0779

■ 45.0789, 60.6962,
95.7271

■ 92.6997, 97.8087,
100.3807

■ 43.0616, 58.5104,
95.4115

■ 93.4817, 99.3727,
100.6413

■ 41.6552, 56.6592,
95.1284

■ 41.0234, 55.6761,
94.9719

Harmonies

Analogous

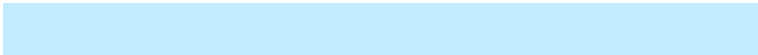
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.2233, 78.1807, 85.3401



67.3057, 78.1807, 97.9292



70.2507, 78.1807, 107.8234

Triad

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



67.3057, 78.1807, 97.9292



81.8606, 78.1807, 97.5220



74.2336, 78.1807, 63.2695

Complementary

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



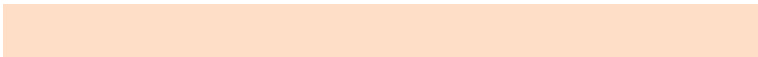
67.3057, 78.1807, 97.9292



65.5901, 61.0981, 54.7923

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.



78.5194, 78.1807, 65.8599



67.3057, 78.1807, 97.9292



83.0262, 78.1807, 84.9112

Square

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



67.3057, 78.1807, 97.9292



78.6541, 78.1807, 107.5726



81.7807, 78.1807, 73.4895



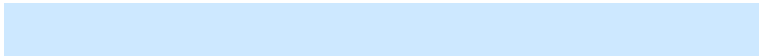
70.1259, 78.1807, 66.0408

Rectangle

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



67.3057, 78.1807, 97.9292



72.9325, 78.1807, 111.1188



81.7807, 78.1807, 73.4895



75.7015, 78.1807, 63.5392

Sweetspot

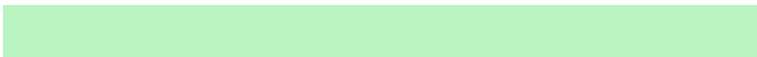
The Sweet Spot groups the original color and five complimentary colors.



67.3080, 78.1839, 97.9310



88.1135, 95.4271, 108.3829



62.5163, 79.5905, 62.4532



18.7380, 20.3442, 23.1892



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.



67.3080, 78.1839, 97.9310



70.1434, 83.1011, 106.9509



59.4393, 62.4465, 95.3081



16.8191, 18.4025, 21.2081



22.1674, 30.1286, 51.1851



1.9948, 2.7409, 4.5142

Inverse Universe

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



70.6496, 60.7052, 88.8860



74.4439, 60.9960, 95.2235



72.7438, 75.4057, 57.1769



17.1240, 16.7325, 20.3997



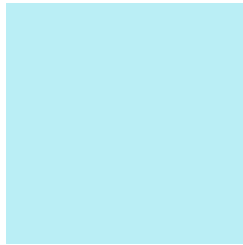
26.9936, 13.1409, 36.2702



2.3959, 1.1643, 3.3113

Previews

White Background



This preview shows how the XYZ color 67.3057, 78.1807, 97.9292 looks on a white background.

Color Contrast Check

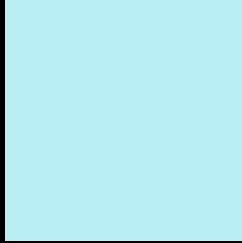
Large Text (above 18pt) WCAG AA × Fail

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 67.3057, 78.1807, 97.9292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

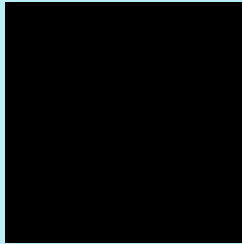
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3057, 78.1807, 97.9292

Background



This preview shows how black text looks on a background with the XYZ color 67.3057, 78.1807, 97.9292.

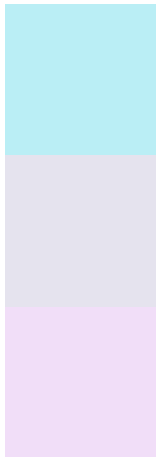


This preview shows how white text looks on a background with the XYZ color 67.3057, 78.1807,

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

67.3057, 78.1807, 97.9292

Protanopia

75.2148, 77.7692, 91.9356

Deuteranopia

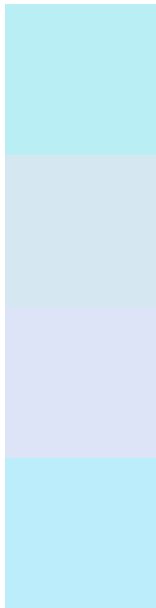
79.3402, 77.7206, 99.6268



Tritanopia

69.0317, 78.0297, 106.0306

Trichromacy



Original Color

67.3057, 78.1807, 97.9292

Protanomaly

71.8937, 77.6488, 94.4176

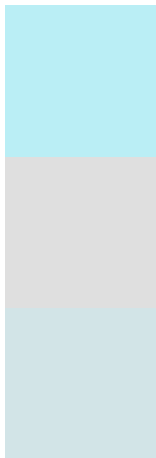
Deuteranomaly

74.3507, 77.5744, 99.0503

Tritanomaly

68.4358, 78.2248, 102.7587

Monochromacy



Original Color

67.3057, 78.1807, 97.9292

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.7455, 74.9580, 86.4464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3057, 78.1807, 97.9292 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(186, 238, 245)` looks like.

```
.text, #text, p{  
    color:rgb(186, 238, 245)  
}
```

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(186, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 238, 245) }
```

Border

The CSS property to change the border of an element to XYZ 67.3057, 78.1807, 97.9292 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(186, 238, 245) }
```


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

```
.border{ border-color:rgb(186, 238, 245) }
```

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

Here you see how a box with a 4 pixel rgb(186, 238, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(186, 238,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3057, 78.1807, 97.9292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 238, 245) }
```

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

```
.background{ background-color: rgb(186,  
238, 245) }
```

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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