

Converting Colors

XYZ(57.7121, 66.2086, 69.4293)

Have a look what the booklet for
XYZ(57.7121, 66.2086, 69.4293)
contains.

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Color

**XYZ(57.7029, 66.0359,
69.3794)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDBD0
RGB	189, 219, 208
RGB Percent	74%, 86%, 82%
CMY	0.2588, 0.1412, 0.1843
CMYK	0.14, 0.00, 0.05, 0.14
HSL	158°, 29%, 80%
HSV	158°, 14%, 86%
XYZ	57.7029, 66.0359, 69.3794
YIQ	208.7760, -14.3490, -9.7810

Conversions

Conversions Part 2

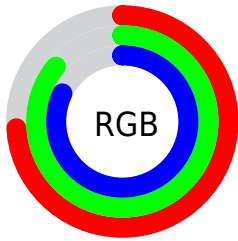
Format	Color
RYB	189, 207, 219
Decimal	12442576
CIELab	85.01, -12.04, 2.06
CIELCh	85, 12.211, 170.283
Yxy	66.0359, 0.2988, 0.3419
Android (android.graphics.Color)	4290632656 (0xFFBDDBD0)
YUV	208.7760, -0.3826, -17.3436
Hunter-Lab	81.2625, -15.4600, 6.2638

Details

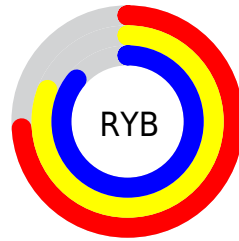
The XYZ color **57.7029, 66.0359, 69.3794** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.8387, 55.6270, 62.3352**, and the grayscale version is **60.4690, 63.6181, 69.2801**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **29.0999, 34.0349, 35.6075** is the 20% darker color. If you saturate the color by 10%, you get **51.7123, 63.0607, 64.0715**, and if you desaturate by 10%, it is **64.5676, 69.4595, 74.9922**.

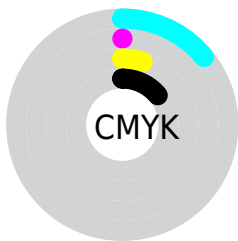
Distribution



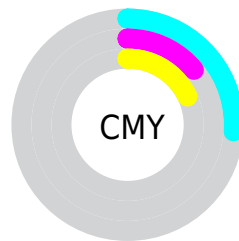
- Red (74%)
- Green (86%)
- Blue (82%)



- Red (74%)
- Yellow (81%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7029, 66.0359, 69.3794 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 57.7029, 66.0359, 69.3794 by changing the saturation by 10% instead.


 57.7029, 66.0359,
69.3794

 57.7029, 66.0359,
69.3794


406.0497,
446.5053, 477.0981

 41.8122, 48.3015,
50.5471


 100.6155,
113.5379, 119.9961

 29.1447, 34.0657,
35.4741


128.3682,
144.0743, 152.6176

 19.3352, 22.9441,
23.7418


160.8055,
179.6468, 190.6725

 12.0181, 14.5522,
14.9318

198.2928,
220.6398, 234.5795

 6.8283, 8.5058,
8.6254

241.1956,
267.4378, 284.7569

 3.4003, 4.4202,
4.4042

289.8791,

 1.3688, 1.9113,

320.4251, 341.6235

1.8496

344.7086,
379.9861, 405.5977

■ 0.2339, 0.5552,
0.4604

■ 0.0000, 0.0000,
0.0000

■ 57.7029, 66.0359,
69.3794

■ 57.7029, 66.0359,
69.3794

■ 51.7123, 63.0607,
64.0715

■ 64.5676, 69.4595,
74.9922

■ 46.5528, 60.5065,
59.0586

■ 72.3359, 73.3413,
80.9109

■ 42.1861, 58.3554,
54.3363

■ 81.0428, 77.7009,
87.1422

■ 38.5685, 56.5850,
49.8986

■ 82.3200, 78.2244,
93.2981

■ 35.6522, 55.1706,
45.7391

■ 83.5409, 78.7128,
99.7271

■ 33.3831, 54.0845,
41.8512

■ 84.6228, 79.1455,
105.4243

■ 31.6993, 53.2950,
38.2275

■ 30.5255, 52.7632,
34.8602

■ 29.9702, 52.5205,
32.8646

Harmonies

Analogous

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



58.7903, 66.0359, 62.6647



57.7029, 66.0359, 69.3794



57.9412, 66.0359, 77.2728

Triad

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



57.7029, 66.0359, 69.3794



64.6135, 66.0359, 87.0405



66.2002, 66.0359, 60.8851

Complementary

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



57.7029, 66.0359, 69.3794



57.8387, 55.6270, 62.3352

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.



67.8497, 66.0359, 66.7858



57.7029, 66.0359, 69.3794



66.9152, 66.0359, 82.0049

Square

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



57.7029, 66.0359, 69.3794



61.8781, 66.0359, 87.8618



68.1151, 66.0359, 74.4847



63.6606, 66.0359, 58.0021

Rectangle

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



57.7029, 66.0359, 69.3794



58.8224, 66.0359, 82.1298



68.1151, 66.0359, 74.4847



66.8803, 66.0359, 62.5604

Sweetspot

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



57.7048, 66.0387, 69.3809



90.7999, 97.8779, 105.5879



58.4722, 66.6884, 57.9353



19.2688, 20.8670, 22.4685



0.0000, 0.0000, 0.0000



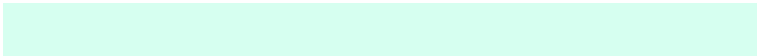
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7048, 66.0387, 69.3809



79.2837, 92.1397, 96.0731



58.2025, 64.7919, 76.4596



13.2317, 14.7443, 15.6832



17.8244, 31.1624, 19.7726



1.1957, 2.0352, 1.4966

Inverse Universe

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



57.8387, 55.6270, 62.3352



79.5028, 75.1207, 84.5575



57.3604, 56.6551, 56.0573



13.2525, 13.1301, 14.5907



18.2360, 9.2954, 5.6229



1.2221, 0.6185, 0.5785

Previews

White Background



This preview shows how the XYZ color 57.7029, 66.0359, 69.3794 looks on a white background.

Color Contrast Check

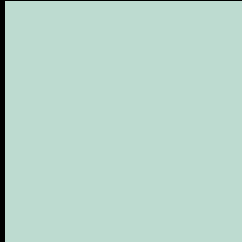
Large Text (above 18pt) WCAG AA × Fail

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 57.7029, 66.0359, 69.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

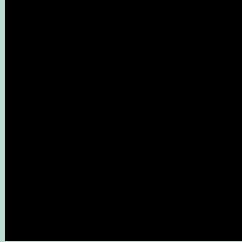
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

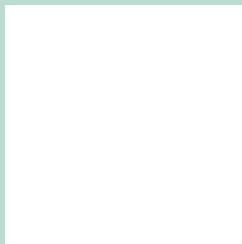
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7029, 66.0359, 69.3794

Background



This preview shows how black text looks on a background with the XYZ color 57.7029, 66.0359, 69.3794.



This preview shows how white text looks on a background with the XYZ color 57.7029, 66.0359,

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

57.7029, 66.0359, 69.3794

Protanopia

63.1068, 65.8536, 66.5117

Deuteranopia

67.1935, 65.6894, 70.7659



Tritanopia

60.8582, 65.7645, 85.8302

Trichromacy



Original Color

57.7029, 66.0359, 69.3794

Protanomaly

60.7981, 65.7663, 67.2474

Deuteranomaly

63.2947, 65.4980, 70.2792

Tritanomaly

59.6134, 65.6459, 79.3410

Monochromacy



Original Color

57.7029, 66.0359, 69.3794

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.6600, 64.7485, 69.6749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7029, 66.0359, 69.3794 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(189, 219, 208)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 208)  
}
```

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(189, 219, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.7029, 66.0359, 69.3794 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(189, 219, 208) }
```


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

```
.border{ border-color:rgb(189, 219, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 208);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7029, 66.0359, 69.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 208) }
```

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

```
.background{ background-color: rgb(189,  
219, 208) }
```

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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