

Converting Colors

XYZ(57.2285, 65.0198, 68.3070)

Have a look what the booklet for
XYZ(57.2285, 65.0198, 68.3070)
contains.

XYZ(57.3105, 65.0779, 68.5722)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.3105, 65.0779,
68.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	BED9CF
RGB	190, 217, 207
RGB Percent	75%, 85%, 81%
CMY	0.2549, 0.1490, 0.1882
CMYK	0.12, 0.00, 0.05, 0.15
HSL	158°, 26%, 80%
HSV	158°, 12%, 85%
XYZ	57.3105, 65.0779, 68.5722
YIQ	207.7870, -12.8820, -8.8340

Conversions

Conversions Part 2

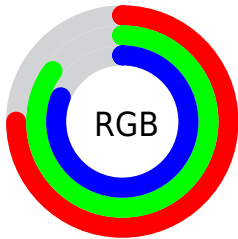
Format	Color
R _Y B	190, 207, 217
Decimal	12507599
CIE Lab	84.52, -10.88, 1.88
CIE LCh	85, 11.043, 170.174
Yxy	65.0779, 0.3001, 0.3408
Android (android.graphics.Color)	4290697679 (0xFFBED9CF)
YUV	207.7870, -0.3880, -15.5992
Hunter-Lab	80.6709, -14.3634, 6.0717

Details

The XYZ color **57.3105, 65.0779, 68.5722** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.4563, 55.7503, 62.3790**, and the grayscale version is **59.8262, 62.9418, 68.5436**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.8234, 33.3748, 35.0598** is the 20% darker color. If you saturate the color by 10%, you get **51.3312, 62.1079, 63.2928**, and if you desaturate by 10%, it is **64.1505, 68.4894, 74.1559**.

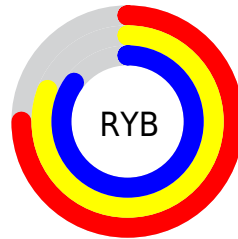
Distribution



Red (75%)

Green (85%)

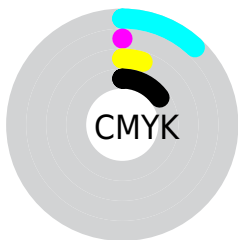
Blue (81%)



Red (75%)

Yellow (81%)

Blue (85%)

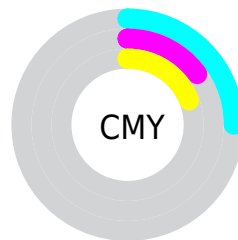


Cyan (12%)

Magenta (0%)

Yellow (5%)

Black (15%)



Cyan (25%)

Magenta (15%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3105, 65.0779, 68.5722 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 57.3105, 65.0779, 68.5722 by changing the saturation by 10% instead.

■ 57.3105, 65.0779,
68.5722

■ 57.3105, 65.0779,
68.5722

404.6072,
443.0719, 474.1737

■ 41.4957, 47.5242,
49.8938

■ 100.0469,
112.1618, 118.8323

■ 28.8960, 33.4503,
34.9584

127.6991,
142.4609, 151.2510

■ 19.1460, 22.4716,
23.3476

160.0279,
177.7773, 189.0870

■ 11.8805, 14.2038,
14.6426

197.3986,
218.4953, 232.7587

■ 6.7340, 8.2626,
8.4251

240.1765,
264.9994, 282.6847

■ 3.3411, 4.2634,
4.2765

288.7270,

■ 1.3366, 1.8220,

317.6739, 339.2835

1.7782

343.4154,
376.9032, 402.9736

■ 0.2104, 0.5008,
0.4135

■ 0.0000, 0.0000,
0.0000

■ 57.3105, 65.0779,
68.5722

■ 57.3105, 65.0779,
68.5722

■ 51.3312, 62.1079,
63.2928

■ 64.1505, 68.4894,
74.1559

■ 46.1708, 59.5526,
58.3077

■ 71.8799, 72.3517,
80.0449

■ 41.7922, 57.3948,
53.6127

■ 80.4946, 76.6644,
86.2440

■ 38.1533, 55.6127,
49.2018

■ 81.6573, 77.1295,
92.3666

■ 35.2076, 54.1826,
45.0686

■ 82.8729, 77.6157,
98.7676

■ 32.9034, 53.0778,
41.2066

■ 84.1041, 78.1082,
105.2514

■ 31.1811, 52.2678,
37.6085

■ 29.9692, 51.7158,
34.2666

■ 29.3020, 51.4234,
31.9043

Harmonies

Analogous

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



58.2930, 65.0779, 62.5329



57.3105, 65.0779, 68.5722



57.5206, 65.0779, 75.6334

Triad

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



57.3105, 65.0779, 68.5722



63.5000, 65.0779, 84.3484



64.9334, 65.0779, 60.9571

Complementary

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



57.3105, 65.0779, 68.5722



57.4563, 55.7503, 62.3790

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.



66.4010, 65.0779, 66.2894



57.3105, 65.0779, 68.5722



65.5584, 65.0779, 79.8927

Square

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



57.3105, 65.0779, 68.5722



61.0509, 65.0779, 85.0605



66.6327, 65.0779, 73.1956



62.6653, 65.0779, 58.3329

Rectangle

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



57.3105, 65.0779, 68.5722



58.3107, 65.0779, 79.9609



66.6327, 65.0779, 73.1956



65.5392, 65.0779, 62.4750

Sweetspot

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



57.3123, 65.0806, 68.5736



90.7940, 97.8755, 105.5564



58.0223, 65.6740, 58.3342



19.2673, 20.8664, 22.4606



0.0000, 0.0000, 0.0000



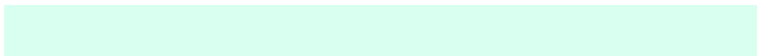
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3123, 65.0806, 68.5736



80.1529, 92.5742, 96.7305



57.7703, 63.9768, 74.9529



13.2296, 14.7435, 15.6721



17.7896, 31.1485, 19.5893



1.1936, 2.0344, 1.4855

Inverse Universe

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



57.4563, 55.7503, 62.3790



80.4009, 76.5219, 86.0743



57.0147, 56.6773, 56.6508



13.2545, 13.1309, 14.6014



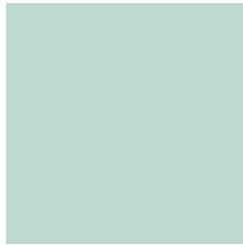
18.2543, 9.3028, 5.7191



1.2234, 0.6190, 0.5855

Previews

White Background



This preview shows how the XYZ color 57.3105, 65.0779, 68.5722 looks on a white background.

Color Contrast Check

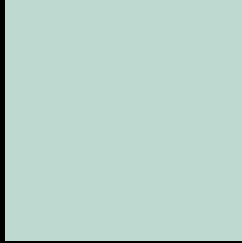
Large Text (above 18pt) WCAG AA × Fail

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 57.3105, 65.0779, 68.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

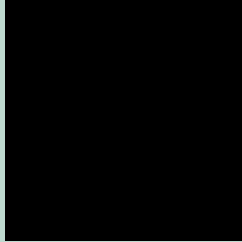
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

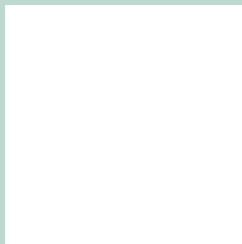
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3105, 65.0779, 68.5722

Background



This preview shows how black text looks on a background with the XYZ color 57.3105, 65.0779, 68.5722.

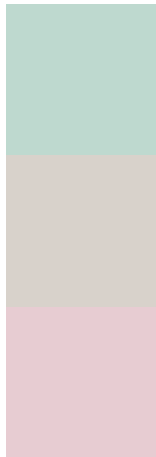


This preview shows how white text looks on a background with the XYZ color 57.3105, 65.0779,

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

57.3105, 65.0779, 68.5722

Protanopia

62.1450, 65.0039, 65.7715

Deuteranopia

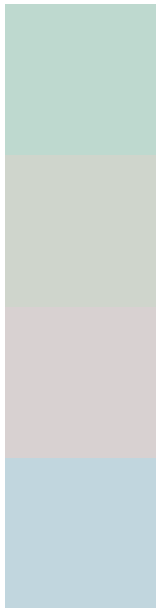
66.1807, 64.8278, 69.9977



Tritanopia

60.3253, 64.7710, 84.1855

Trichromacy



Original Color

57.3105, 65.0779, 68.5722

Protanomaly

60.4255, 65.2135, 66.5294

Deuteranomaly

62.6280, 64.8033, 69.5290

Tritanomaly

59.2237, 64.7045, 78.4750

Monochromacy



Original Color

57.3105, 65.0779, 68.5722

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.7668, 63.5601, 68.8455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3105, 65.0779, 68.5722 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(190, 217, 207)` looks like.

```
.text, #text, p{  
    color:rgb(190, 217, 207)  
}
```

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(190, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 217, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.3105, 65.0779, 68.5722 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(190, 217, 207) }
```


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

```
.border{ border-color:rgb(190, 217, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 217, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(190, 217,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3105, 65.0779, 68.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 217, 207) }
```

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

```
.background{ background-color: rgb(190,  
217, 207) }
```

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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