

Converting Colors

XYZ(57.2246, 64.9990, 66.8033)

Have a look what the booklet for
XYZ(57.2246, 64.9990, 66.8033)
contains.

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Color

**XYZ(57.1978, 65.0617,
66.6703)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD9CC
RGB	191, 217, 204
RGB Percent	75%, 85%, 80%
CMY	0.2510, 0.1490, 0.2000
CMYK	0.12, 0.00, 0.06, 0.15
HSL	150°, 25%, 80%
HSV	150°, 12%, 85%
XYZ	57.1978, 65.0617, 66.6703
YIQ	207.7440, -11.3230, -9.5550

Conversions

Conversions Part 2

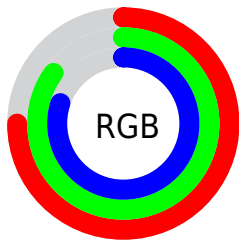
Format	Color
R _Y B	191, 208, 217
Decimal	12573132
CIE Lab	84.52, -11.12, 3.47
CIE LCh	85, 11.651, 162.673
Yxy	65.0617, 0.3027, 0.3444
Android (android.graphics.Color)	4290763212 (0xFFBFD9CC)
YUV	207.7440, -1.8458, -14.6845
Hunter-Lab	80.6608, -14.5794, 7.4564

Details

The XYZ color **57.1978, 65.0617, 66.6703** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.1475, 56.3746, 64.9464**, and the grayscale version is **59.8068, 62.9214, 68.5214**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **28.7419, 33.3610, 33.7786** is the 20% darker color. If you saturate the color by 10%, you get **50.8834, 61.9535, 59.8163**, and if you desaturate by 10%, it is **64.4152, 68.6285, 74.0427**.

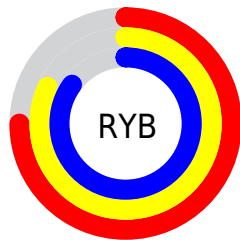
Distribution



Red (75%)

Green (85%)

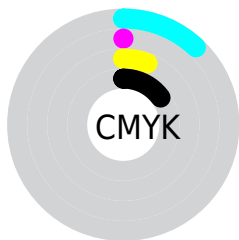
Blue (80%)



Red (75%)

Yellow (82%)

Blue (85%)

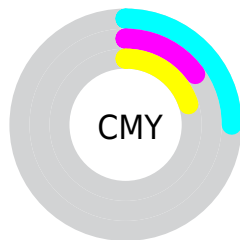


Cyan (12%)

Magenta (0%)

Yellow (6%)

Black (15%)



Cyan (25%)

Magenta (15%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1978, 65.0617, 66.6703 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 57.1978, 65.0617, 66.6703 by changing the saturation by 10% instead.

■ 57.1978, 65.0617,
66.6703

■ 57.1978, 65.0617,
66.6703

404.1923,
443.0137, 467.2398

■ 41.4048, 47.5111,
48.3568

■ 99.8834, 112.1386,
116.0840

■ 28.8246, 33.4399,
33.7476

127.5068,
142.4336, 148.0213

■ 19.0918, 22.4636,
22.4239

159.8044,
177.7456, 185.3370

■ 11.8410, 14.1980,
13.9674

197.1415,
218.4590, 228.4496

■ 6.7069, 8.2585,
7.9595

239.8834,
264.9581, 277.7776

■ 3.3242, 4.2608,
3.9817

288.3957,

■ 1.3274, 1.8205,

317.6273, 333.7397

1.6153

343.0435,
376.8510, 396.7542

■ 0.2036, 0.4999,
0.3017

■ 0.0000, 0.0000,
0.0000

■ 57.1978, 65.0617,
66.6703

■ 57.1978, 65.0617,
66.6703

■ 50.8834, 61.9535,
59.8163

■ 64.4152, 68.6285,
74.0427

■ 45.4291, 59.2766,
53.4651

■ 72.5651, 72.6636,
81.9401

■ 40.7969, 57.0136,
47.6064

■ 81.2754, 76.9767,
90.3555

■ 36.9436, 55.1421,
42.2279

■ 82.9056, 77.6288,
98.9401

■ 33.8218, 53.6382,
37.3169

■ 84.1041, 78.1082,
105.2514

■ 31.3785, 52.4748,
32.8598

■ 29.5535, 51.6210,
28.8425

■ 28.2745, 51.0399,
25.2496

■ 27.5470, 50.7213,
22.6627

Harmonies

Analogous

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



58.5189, 65.0617, 60.8466



57.1978, 65.0617, 66.6703



57.0983, 65.0617, 74.0221

Triad

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



57.1978, 65.0617, 66.6703



62.9402, 65.0617, 85.7156



65.5803, 65.0617, 61.5911

Complementary

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



57.1978, 65.0617, 66.6703



58.1475, 56.3746, 64.9464

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.



66.8355, 65.0617, 67.7526



57.1978, 65.0617, 66.6703



65.2828, 65.0617, 81.8742

Square

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



57.1978, 65.0617, 66.6703



60.3652, 65.0617, 85.3750



66.7251, 65.0617, 75.1824



63.3370, 65.0617, 58.0580

Rectangle

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



57.1978, 65.0617, 66.6703



57.7339, 65.0617, 78.8378



66.7251, 65.0617, 75.1824



66.1346, 65.0617, 63.4044

Sweetspot

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



57.1996, 65.0644, 66.6717



90.5860, 97.7923, 104.4612



59.2399, 66.2890, 58.9639



19.2147, 20.8454, 22.1833



0.0000, 0.0000, 0.0000



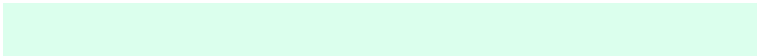
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1996, 65.0644, 66.6717



80.3715, 92.7497, 93.9006



58.7690, 65.6922, 74.9361



13.1567, 14.7143, 15.2879



16.7280, 30.7238, 13.9992



1.1272, 2.0078, 1.1360

Inverse Universe

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



58.1475, 56.3746, 64.9464



81.9582, 78.2030, 91.0123



56.6998, 55.7955, 57.3228



13.3262, 13.1596, 14.9792



19.0306, 9.6133, 9.8074



1.2764, 0.6402, 0.8644

Previews

White Background



This preview shows how the XYZ color 57.1978, 65.0617, 66.6703 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 57.1978, 65.0617, 66.6703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

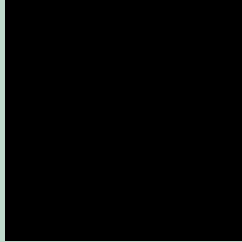
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1978, 65.0617, 66.6703

Background



This preview shows how black text looks on a background with the XYZ color 57.1978, 65.0617, 66.6703.

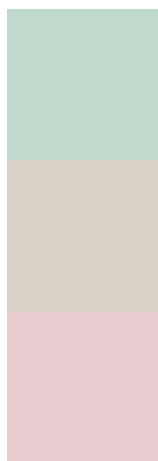


This preview shows how white text looks on a background with the XYZ color 57.1978, 65.0617,

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

57.1978, 65.0617, 66.6703

Protanopia

62.0872, 65.0150, 63.9204

Deuteranopia

66.1341, 64.8465, 68.0625



Tritanopia

60.5829, 64.9038, 84.1975

Trichromacy



Original Color

57.1978, 65.0617, 66.6703

Protanomaly

60.3493, 65.2154, 64.6654

Deuteranomaly

62.5563, 64.8089, 67.6048

Tritanomaly

59.3458, 64.7829, 77.7831

Monochromacy



Original Color

57.1978, 65.0617, 66.6703

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.9139, 63.6501, 68.2121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1978, 65.0617, 66.6703 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(191, 217, 204)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 204)  
}
```

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(191, 217, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.1978, 65.0617, 66.6703 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(191, 217, 204) }
```


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

```
.border{ border-color:rgb(191, 217, 204) }
```

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

Here you see how a box with a 4 pixel rgb(191, 217, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 204);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1978, 65.0617, 66.6703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 204) }
```

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

```
.background{ background-color: rgb(191,  
217, 204) }
```

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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