

Converting Colors

XYZ(57.1964, 64.8161, 66.6249)

Have a look what the booklet for
XYZ(57.1964, 64.8161, 66.6249)
contains.

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Color

**XYZ(57.1932, 64.6778,
66.5964)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D8CC
RGB	192, 216, 204
RGB Percent	75%, 85%, 80%
CMY	0.2471, 0.1529, 0.2000
CMYK	0.11, 0.00, 0.06, 0.15
HSL	150°, 24%, 80%
HSV	150°, 11%, 85%
XYZ	57.1932, 64.6778, 66.5964
YIQ	207.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

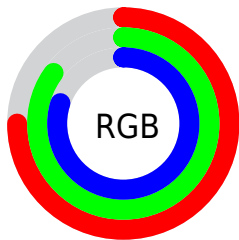
Format	Color
RYB	192, 208, 216
Decimal	12638412
CIELab	84.32, -10.28, 3.19
CIELCh	84, 10.764, 162.753
Yxy	64.6778, 0.3035, 0.3432
Android (android.graphics.Color)	4290828492 (0xFFC0D8CC)
YUV	207.4560, -1.7038, -13.5549
Hunter-Lab	80.4225, -13.7975, 7.1988

Details

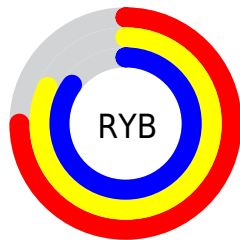
The XYZ color **57.1932, 64.6778, 66.5964** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0700, 56.6596, 65.0056**, and the grayscale version is **59.6193, 62.7241, 68.3065**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **28.7311, 33.0950, 33.7278** is the 20% darker color. If you saturate the color by 10%, you get **50.8695, 61.5642, 59.7710**, and if you desaturate by 10%, it is **64.4131, 68.2467, 73.9355**.

Distribution



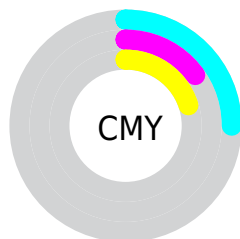
- Red (75%)
- Green (85%)
- Blue (80%)



- Red (75%)
- Yellow (82%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1932, 64.6778, 66.5964 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 57.1932, 64.6778, 66.5964 by changing the saturation by 10% instead.

■ 57.1932, 64.6778,
66.5964

■ 57.1932, 64.6778,
66.5964

404.1753,
441.6332, 466.9691

■ 41.4011, 47.1999,
48.2972

■ 99.8768, 111.5865,
115.9771

■ 28.8217, 33.1937,
33.7006

127.4990,
141.7861, 147.8956

■ 19.0896, 22.2749,
22.3882

159.7952,
176.9950, 185.1909

■ 11.8394, 14.0590,
13.9414

197.1310,
217.5976, 228.2816

■ 6.7058, 8.1617,
7.9416

239.8715,
263.9783, 277.5863

■ 3.3235, 4.1986,
3.9704

288.3821,

■ 1.3271, 1.7853,

316.5216, 333.5234

1.6091

343.0283,
375.6117, 396.5115

■ 0.2033, 0.4780,
0.2973

■ 0.0000, 0.0000,
0.0000

■ 57.1932, 64.6778,
66.5964

■ 57.1932, 64.6778,
66.5964

■ 50.8695, 61.5642,
59.7710

■ 64.4131, 68.2467,
73.9355

■ 45.3999, 58.8789,
53.4439

■ 72.5583, 72.2801,
81.7949

■ 40.7470, 56.6046,
47.6050

■ 80.9966, 76.4539,
90.1552

■ 36.8684, 54.7198,
42.2422

■ 82.6178, 77.1024,
98.6922

■ 33.7176, 53.2007,
37.3429

■ 83.8471, 77.5941,
105.1657

■ 31.2430, 52.0209,
32.8938

■ 29.3855, 51.1502,
28.8810

■ 28.0751, 50.5528,
25.2894

■ 27.2632, 50.1966,
22.4359

Harmonies

Analogous

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



58.4101, 64.6778, 61.2032



57.1932, 64.6778, 66.5964



57.1045, 64.6778, 73.3657

Triad

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



57.1932, 64.6778, 66.5964



62.4934, 64.6778, 84.0410



64.9073, 64.6778, 61.8694

Complementary

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



57.1932, 64.6778, 66.5964



58.0700, 56.6596, 65.0056

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.



66.0616, 64.6778, 67.5603



57.1932, 64.6778, 66.5964



64.6438, 64.6778, 80.5255

Square

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



57.1932, 64.6778, 66.5964



60.1232, 64.6778, 83.7412



65.9639, 64.6778, 74.3937



62.8455, 64.6778, 58.5977

Rectangle

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



57.1932, 64.6778, 66.5964



57.6936, 64.6778, 77.7788



65.9639, 64.6778, 74.3937



65.4167, 64.6778, 63.5465

Sweetspot

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



57.1950, 64.6805, 66.5978



91.6814, 98.3339, 105.5593



59.0842, 65.8144, 59.4596



19.4354, 20.9544, 22.4054



0.0000, 0.0000, 0.0000



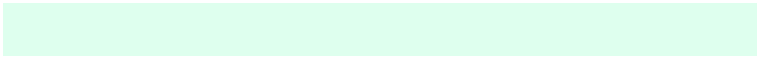
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1950, 64.6805, 66.5978



81.3331, 93.2238, 94.9222



58.6393, 65.2583, 74.2036



12.5187, 13.9985, 14.5462



16.1908, 29.7316, 13.5661



1.0183, 1.8100, 1.0383

Inverse Universe

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



58.0700, 56.6596, 65.0056



82.8169, 79.6211, 92.2219



56.7293, 56.1233, 57.9458



12.6797, 12.5234, 14.2533



18.4190, 9.3039, 9.5106



1.1527, 0.5779, 0.7937

Previews

White Background



This preview shows how the XYZ color 57.1932, 64.6778, 66.5964 looks on a white background.

Color Contrast Check

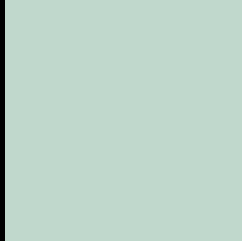
Large Text (above 18pt) WCAG AA × Fail

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 57.1932, 64.6778, 66.5964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

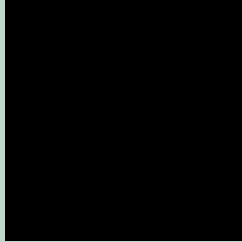
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

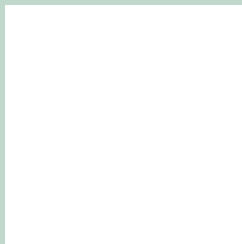
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1932, 64.6778, 66.5964

Background



This preview shows how black text looks on a background with the XYZ color 57.1932, 64.6778, 66.5964.

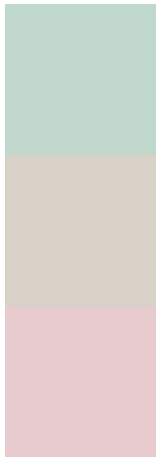


This preview shows how white text looks on a background with the XYZ color 57.1932, 64.6778,

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

57.1932, 64.6778, 66.5964

Protanopia

61.5447, 64.3700, 63.8245

Deuteranopia

65.5734, 64.2058, 67.9683



Tritanopia

60.4513, 64.4799, 83.3885

Trichromacy



Original Color

57.1932, 64.6778, 66.5964

Protanomaly

59.8182, 64.5694, 64.5687

Deuteranomaly

62.3117, 64.3197, 67.5233

Tritanomaly

59.2182, 64.3579, 77.0113

Monochromacy



Original Color

57.1932, 64.6778, 66.5964

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.5443, 63.1060, 67.4876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1932, 64.6778, 66.5964 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(192, 216, 204)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 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(192, 216, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.1932, 64.6778, 66.5964 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(192, 216, 204) }
```


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

```
.border{ border-color:rgb(192, 216, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 204);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1932, 64.6778, 66.5964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 204) }
```

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

```
.background{ background-color: rgb(192,  
216, 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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