

Converting Colors

XYZ(57.4644, 64.0633, 67.8834)

Have a look what the booklet for
XYZ(57.4644, 64.0633, 67.8834)
contains.

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Color

**XYZ(57.4353, 64.0187,
67.7222)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D6CE
RGB	194, 214, 206
RGB Percent	76%, 84%, 81%
CMY	0.2392, 0.1608, 0.1922
CMYK	0.09, 0.00, 0.04, 0.16
HSL	156°, 20%, 80%
HSV	156°, 9%, 84%
XYZ	57.4353, 64.0187, 67.7222
YIQ	207.1080, -9.3520, -6.7280

Conversions

Conversions Part 2

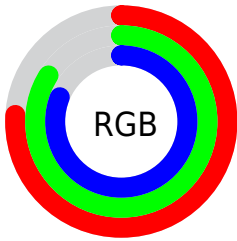
Format	Color
RYB	194, 207, 214
Decimal	12768974
CIELab	83.98, -8.21, 1.65
CIElCh	84, 8.376, 168.635
Yxy	64.0187, 0.3036, 0.3384
Android (android.graphics.Color)	4290959054 (0xFFC2D6CE)
YUV	207.1080, -0.5462, -11.4957
Hunter-Lab	80.0117, -11.8867, 5.8249

Details

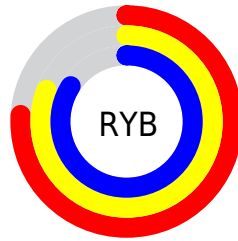
The XYZ color **57.4353, 64.0187, 67.7222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6864, 57.1457, 63.8700**, and the grayscale version is **59.3870, 62.4797, 68.0404**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **28.8809, 32.6387, 34.4835** is the 20% darker color. If you saturate the color by 10%, you get **51.3218, 60.9858, 62.1541**, and if you desaturate by 10%, it is **64.4001, 67.4875, 73.6287**.

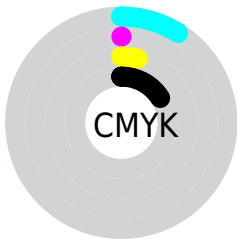
Distribution



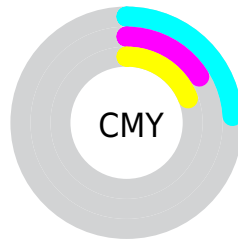
- Red (76%)
- Green (84%)
- Blue (81%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4353, 64.0187, 67.7222 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 57.4353, 64.0187, 67.7222 by changing the saturation by 10% instead.

■ 57.4353, 64.0187,
67.7222

■ 57.4353, 64.0187,
67.7222

405.0663,
439.2572, 471.0824

■ 41.5963, 46.6658,
49.2065

■ 100.2278,
110.6379, 117.6051

■ 28.9751, 32.7716,
34.4166

127.9120,
140.6729, 149.8094

■ 19.2061, 21.9515,
22.9338

160.2753,
175.7042, 187.4136

■ 11.9242, 13.8213,
14.3398

197.6831,
216.1161, 230.8362

■ 6.7639, 7.9965,
8.2160

240.5008,
262.2929, 280.4959

■ 3.3599, 4.0927,
4.1437

289.0936,

■ 1.3468, 1.7255,

314.6191, 336.8111

1.7045

343.8270,
373.4790, 400.2005

■ 0.2179, 0.4401,
0.3638

■ 0.0000, 0.0000,
0.0000

■ 57.4353, 64.0187,
67.7222

■ 57.4353, 64.0187,
67.7222

■ 51.3218, 60.9858,
62.1541

■ 64.4001, 67.4875,
73.6287

■ 46.0195, 58.3629,
56.9138

■ 72.2433, 71.4006,
79.8753

■ 41.4934, 56.1337,
51.9962

■ 79.8090, 75.1641,
86.4139

■ 37.7035, 54.2779,
47.3946

■ 81.0532, 75.6617,
92.9658

■ 34.6061, 52.7729,
43.1019

■ 82.3575, 76.1834,
99.8340

■ 32.1528, 51.5940,
39.1107

■ 83.3378, 76.5755,
104.9959

■ 30.2884, 50.7128,
35.4130

■ 28.9480, 50.0959,
32.0003

■ 28.0238, 49.6880,
28.8620

Harmonies

Analogous

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



58.2237, 64.0187, 63.2037



57.4353, 64.0187, 67.7222



57.5474, 64.0187, 73.0030

Triad

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



57.4353, 64.0187, 67.7222



61.9886, 64.0187, 79.7841



63.2228, 64.0187, 62.3541

Complementary

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



57.4353, 64.0187, 67.7222



57.6864, 57.1457, 63.8700

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.



64.2721, 64.0187, 66.5088



57.4353, 64.0187, 67.7222



63.5497, 64.0187, 76.6385

Square

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



57.4353, 64.0187, 67.7222



60.1514, 64.0187, 80.1495



64.3930, 64.0187, 71.7271



61.5497, 64.0187, 60.2106

Rectangle

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



57.4353, 64.0187, 67.7222



58.1182, 64.0187, 76.2441



64.3930, 64.0187, 71.7271



63.6616, 64.0187, 63.5518

Sweetspot

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



57.4371, 64.0214, 67.7236



91.8024, 98.3823, 106.1962



58.2338, 64.5942, 60.4386



19.4680, 20.9675, 22.5774



0.0000, 0.0000, 0.0000



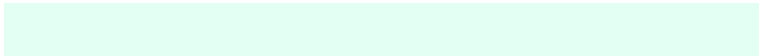
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4371, 64.0214, 67.7236



83.7181, 94.3609, 99.2118



58.0148, 63.5809, 72.8362



12.5720, 14.0198, 14.8268



16.9574, 30.0383, 17.6032



1.0632, 1.8279, 1.2744

Inverse Universe

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



57.6864, 57.1457, 63.8700



84.1534, 82.3540, 92.4826



57.1360, 57.5225, 59.1315



12.6270, 12.5023, 13.9763



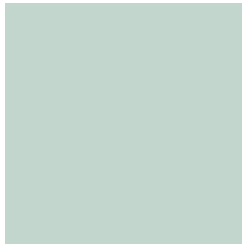
17.8162, 9.0628, 6.3364



1.1149, 0.5627, 0.5944

Previews

White Background



This preview shows how the XYZ color 57.4353, 64.0187, 67.7222 looks on a white background.

Color Contrast Check

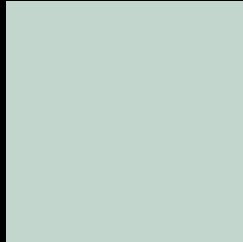
Large Text (above 18pt) WCAG AA × Fail

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 57.4353, 64.0187, 67.7222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

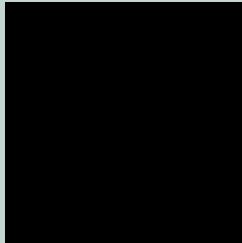
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

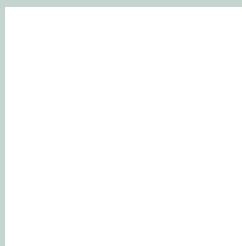
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4353, 64.0187, 67.7222

Background



This preview shows how black text looks on a background with the XYZ color 57.4353, 64.0187, 67.7222.

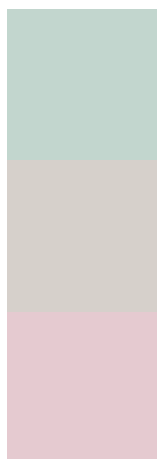


This preview shows how white text looks on a background with the XYZ color 57.4353, 64.0187,

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

57.4353, 64.0187, 67.7222

Protanopia

61.0669, 63.7197, 65.5805

Deuteranopia

64.8188, 63.4531, 68.5059



Tritanopia

60.4481, 64.1403, 81.8674

Trichromacy



Original Color

57.4353, 64.0187, 67.7222

Protanomaly

59.6778, 63.7182, 66.2802

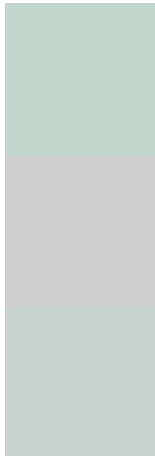
Deuteranomaly

61.6527, 63.2465, 67.9898

Tritanomaly

59.3556, 64.0718, 76.2565

Monochromacy



Original Color

57.4353, 64.0187, 67.7222

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6662, 63.1547, 68.1295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4353, 64.0187, 67.7222 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(194, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(194, 214, 206)  
}
```

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(194, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 206) }
```

Border

The CSS property to change the border of an element to XYZ 57.4353, 64.0187, 67.7222 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(194, 214, 206) }
```


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

```
.border{ border-color:rgb(194, 214, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(194, 214,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4353, 64.0187, 67.7222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 214, 206) }
```

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

```
.background{ background-color: rgb(194,  
214, 206) }
```

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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