

Converting Colors

XYZ(57.5482, 63.7002, 67.7953)

Have a look what the booklet for
XYZ(57.5482, 63.7002, 67.7953)
contains.

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Color

**XYZ(57.4405, 63.6468,
67.6501)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D5CE
RGB	195, 213, 206
RGB Percent	76%, 84%, 81%
CMY	0.2353, 0.1647, 0.1922
CMYK	0.08, 0.00, 0.03, 0.16
HSL	157°, 18%, 80%
HSV	157°, 8%, 84%
XYZ	57.4405, 63.6468, 67.6501
YIQ	206.8200, -8.4810, -5.9930

Conversions

Conversions Part 2

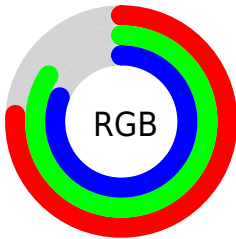
Format	Color
RYB	195, 206, 213
Decimal	12834254
CIELab	83.78, -7.36, 1.38
CIELCh	84, 7.490, 169.409
Yxy	63.6468, 0.3043, 0.3372
Android (android.graphics.Color)	4291024334 (0xFFC3D5CE)
YUV	206.8200, -0.4043, -10.3661
Hunter-Lab	79.7789, -11.0939, 5.5692

Details

The XYZ color **57.4405, 63.6468, 67.6501** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6187, 57.4423, 63.9308**, and the grayscale version is **59.2002, 62.2832, 67.8265**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.8789, 32.3834, 34.4343** is the 20% darker color. If you saturate the color by 10%, you get **51.3447, 60.6194, 62.2488**, and if you desaturate by 10%, it is **64.3780, 67.1056, 73.3705**.

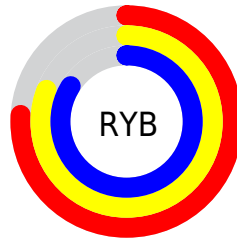
Distribution



Red (76%)

Green (84%)

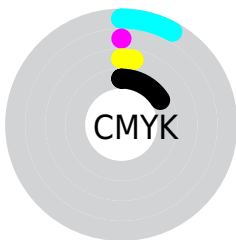
Blue (81%)



Red (76%)

Yellow (81%)

Blue (84%)

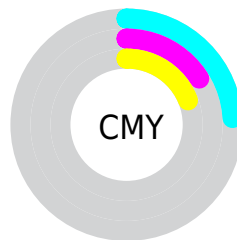


Cyan (8%)

Magenta (0%)

Yellow (3%)

Black (16%)



Cyan (24%)

Magenta (16%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4405, 63.6468, 67.6501 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 57.4405, 63.6468, 67.6501 by changing the saturation by 10% instead.

■ 57.4405, 63.6468,
67.6501

■ 57.4405, 63.6468,
67.6501

405.0854,
437.9131, 470.8197

■ 41.6005, 46.3647,
49.1482

■ 100.2353,
110.1021, 117.5009

■ 28.9784, 32.5337,
34.3706

127.9208,
140.0441, 149.6869

■ 19.2087, 21.7695,
22.8988

160.2856,
174.9748, 187.2714

■ 11.9260, 13.6876,
14.3142

197.6950,
215.2786, 230.6729

■ 6.7652, 7.9037,
8.1983

240.5143,
261.3399, 280.3099

■ 3.3607, 4.0334,
4.1325

289.1089,

■ 1.3473, 1.6923,

313.5432, 336.6010

1.6983

343.8441,
372.2728, 399.9648

■ 0.2182, 0.4186,
0.3596

■ 0.0000, 0.0000,
0.0000

■ 57.4405, 63.6468,
67.6501

■ 57.4405, 63.6468,
67.6501

■ 51.3447, 60.6194,
62.2488

■ 64.3780, 67.1056,
73.3705

■ 46.0515, 57.9978,
57.1565

■ 72.1839, 71.0040,
79.4115

■ 41.5263, 55.7663,
52.3687

■ 79.4394, 74.6124,
85.7119

■ 37.7300, 53.9047,
47.8791

■ 80.6369, 75.0915,
92.0180

■ 34.6200, 52.3911,
43.6811

■ 81.8906, 75.5929,
98.6198

■ 32.1488, 51.2012,
39.7679

■ 83.0854, 76.0709,
104.9118

■ 30.2629, 50.3075,
36.1322

■ 28.8990, 49.6775,
32.7660

■ 27.9625, 49.2625,
29.6599

Harmonies

Analogous

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



58.1259, 63.6468, 63.5762



57.4405, 63.6468, 67.6501



57.5621, 63.6468, 72.3522

Triad

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



57.4405, 63.6468, 67.6501



61.5507, 63.6468, 78.1933



62.5742, 63.6468, 62.6517

Complementary

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



57.4405, 63.6468, 67.6501



57.6187, 57.4423, 63.9308

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.



63.5246, 63.6468, 66.3359



57.4405, 63.6468, 67.6501



62.9263, 63.6468, 75.3585

Square

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



57.4405, 63.6468, 67.6501



59.9153, 63.6468, 78.5843



63.6546, 63.6468, 70.9776



61.0772, 63.6468, 60.7784

Rectangle

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



57.4405, 63.6468, 67.6501



58.0851, 63.6468, 75.2073



63.6546, 63.6468, 70.9776



62.9694, 63.6468, 63.7114

Sweetspot

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



57.4423, 63.6495, 67.6515



91.8158, 98.3877, 106.2670



58.0580, 64.1160, 60.9464



19.4716, 20.9690, 22.5965



0.0000, 0.0000, 0.0000



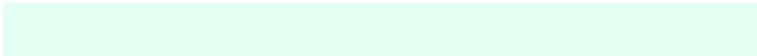
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4423, 63.6495, 67.6515



84.7266, 94.8579, 100.2944



57.8620, 63.0968, 72.0832



12.5780, 14.0222, 14.8582



17.0531, 30.0766, 18.1071



1.0686, 1.8301, 1.3030

Inverse Universe

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



57.6187, 57.4423, 63.9308



85.0399, 83.8326, 93.6859



57.2138, 57.9297, 59.7968



12.6213, 12.5000, 13.9458



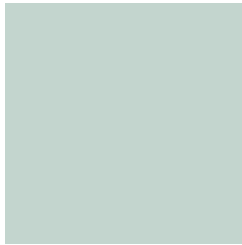
17.7590, 9.0399, 6.0347



1.1111, 0.5612, 0.5745

Previews

White Background



This preview shows how the XYZ color 57.4405, 63.6468, 67.6501 looks on a white background.

Color Contrast Check

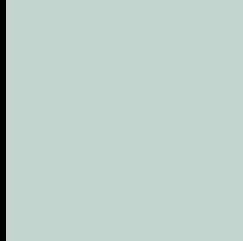
Large Text (above 18pt) WCAG AA × Fail

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 57.4405, 63.6468, 67.6501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

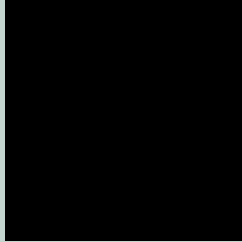
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

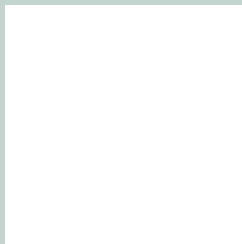
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4405, 63.6468, 67.6501

Background



This preview shows how black text looks on a background with the XYZ color 57.4405, 63.6468, 67.6501.



This preview shows how white text looks on a background with the XYZ color 57.4405, 63.6468,

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

57.4405, 63.6468, 67.6501

Protanopia

61.0669, 63.7197, 65.5805

Deuteranopia

64.8188, 63.4531, 68.5059



Tritanopia

60.2004, 63.6450, 81.7849

Trichromacy



Original Color

57.4405, 63.6468, 67.6501

Protanomaly

59.6778, 63.7182, 66.2802

Deuteranomaly

61.9491, 63.3993, 68.0037

Tritanomaly

59.1064, 63.5733, 76.1735

Monochromacy



Original Color

57.4405, 63.6468, 67.6501

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6916, 62.8024, 68.0602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4405, 63.6468, 67.6501 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(195, 213, 206) looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 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(195, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 206) }
```

Border

The CSS property to change the border of an element to XYZ 57.4405, 63.6468, 67.6501 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(195, 213, 206) }
```


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

```
.border{ border-color:rgb(195, 213, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4405, 63.6468, 67.6501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 206) }
```

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

```
.background{ background-color: rgb(195,  
213, 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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