

Converting Colors

XYZ(57.4346, 63.1174, 67.4486)

Have a look what the booklet for
XYZ(57.4346, 63.1174, 67.4486)
contains.

XYZ(57.4490, 63.2790, 67.5787)	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(57.4490, 63.2790,
67.5787)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D4CE
RGB	196, 212, 206
RGB Percent	77%, 83%, 81%
CMY	0.2314, 0.1686, 0.1922
CMYK	0.08, 0.00, 0.03, 0.17
HSL	157°, 16%, 80%
HSV	157°, 8%, 83%
XYZ	57.4490, 63.2790, 67.5787
YIQ	206.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

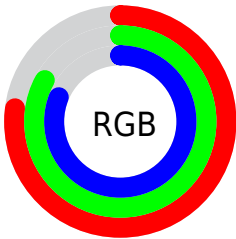
Format	Color
R_{YB}	196, 206, 212
Decimal	12899534
CIE Lab	83.59, -6.51, 1.10
CIE LCh	84, 6.605, 170.371
Yxy	63.2790, 0.3051, 0.3360
Android (android.graphics.Color)	4291089614 (0xFFC4D4CE)
YUV	206.5320, -0.2623, -9.2366
Hunter-Lab	79.5481, -10.2979, 5.3149

Details

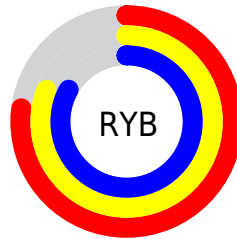
The XYZ color **57.4490, 63.2790, 67.5787** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5543, 57.7428, 63.9921**, and the grayscale version is **59.0139, 62.0872, 67.6129**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **28.8798, 32.1317, 34.3857** is the 20% darker color. If you saturate the color by 10%, you get **51.3779, 60.2598, 62.3789**, and if you desaturate by 10%, it is **64.3518, 66.7248, 73.0753**.

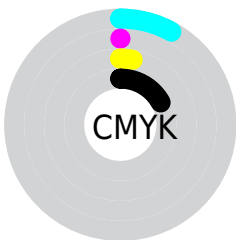
Distribution



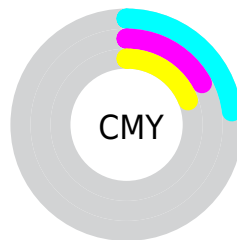
- Red (77%)
- Green (83%)
- Blue (81%)



- Red (77%)
- Yellow (81%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4490, 63.2790, 67.5787 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 57.4490, 63.2790, 67.5787 by changing the saturation by 10% instead.

■ 57.4490, 63.2790,
67.5787

■ 57.4490, 63.2790,
67.5787

405.1167,
436.5813, 470.5593

■ 41.6074, 46.0670,
49.0905

100.2476,
109.5719, 117.3977

■ 28.9837, 32.2987,
34.3252

127.9353,
139.4216, 149.5657

■ 19.2127, 21.5897,
22.8641

160.3025,
174.2526, 187.1306

■ 11.9290, 13.5557,
14.2889

197.7144,
214.4493, 230.5111

■ 6.7672, 7.8123,
8.1808

240.5364,
260.3961, 280.1257

■ 3.3620, 3.9751,
4.1214

289.1339,

■ 1.3480, 1.6596,

312.4775, 336.3929

1.6922

343.8722,
371.0778, 399.7313

■ 0.2187, 0.3973,
0.3554

■ 0.0000, 0.0000,
0.0000

■ 57.4490, 63.2790,
67.5787

■ 57.4490, 63.2790,
67.5787

■ 51.3779, 60.2598,
62.3789

■ 64.3518, 66.7248,
73.0753

■ 46.0999, 57.6422,
57.4664

■ 72.1123, 70.6053,
78.8696

■ 41.5814, 55.4106,
52.8371

■ 79.0480, 74.0548,
84.8878

■ 37.7839, 53.5453,
48.4853

■ 80.1899, 74.5115,
90.9009

■ 34.6657, 52.0249,
44.4051

■ 81.3834, 74.9889,
97.1857

■ 32.1807, 50.8257,
40.5903

■ 82.6292, 75.4872,
103.7458

■ 30.2765, 49.9208,
37.0340

■ 82.8347, 75.5694,
104.8282

■ 28.8919, 49.2787,
33.7292

■ 27.9426, 48.8561,
30.6675

Harmonies

Analogous

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



58.0318, 63.2790, 63.9523



57.4490, 63.2790, 67.5787



57.5796, 63.2790, 71.7050

Triad

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



57.4490, 63.2790, 67.5787



61.1164, 63.2790, 76.6257



61.9329, 63.2790, 62.9560

Complementary

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



57.4490, 63.2790, 67.5787



57.5543, 57.7428, 63.9921

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.



62.7851, 63.2790, 66.1693



57.4490, 63.2790, 67.5787



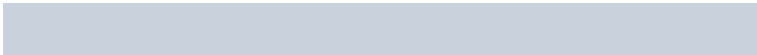
62.3084, 63.2790, 74.0967

Square

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



57.4490, 63.2790, 67.5787



59.6816, 63.2790, 77.0400



62.9236, 63.2790, 70.2386



60.6104, 63.2790, 61.3547

Rectangle

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



57.4490, 63.2790, 67.5787



58.0544, 63.2790, 74.1795



62.9236, 63.2790, 70.2386



62.2848, 63.2790, 63.8773

Sweetspot

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



57.4508, 63.2817, 67.5801



92.8920, 98.9229, 107.1992



57.9026, 63.6506, 61.4594



19.9053, 21.1849, 22.9630



0.0000, 0.0000, 0.0000



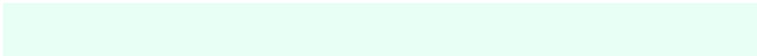
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4508, 63.2817, 67.5801



85.7496, 95.3620, 101.3908



57.7302, 62.6509, 71.3407



12.5855, 14.0252, 14.8975



17.1758, 30.1257, 18.7531



1.0755, 1.8329, 1.3394

Inverse Universe

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



57.5543, 57.7428, 63.9921



85.9370, 85.3319, 94.8938



57.2808, 58.3114, 60.4616



12.6140, 12.4971, 13.9076



17.6899, 9.0123, 5.6713



1.1065, 0.5594, 0.5502

Previews

White Background



This preview shows how the XYZ color 57.4490, 63.2790, 67.5787 looks on a white background.

Color Contrast Check

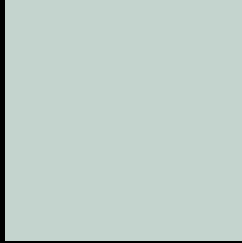
Large Text (above 18pt) WCAG AA × Fail

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 57.4490, 63.2790, 67.5787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

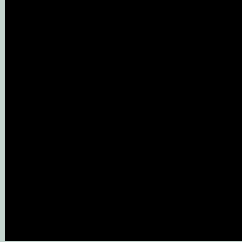
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

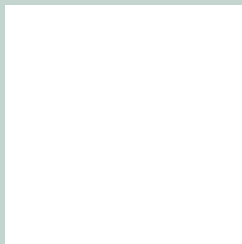
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4490, 63.2790, 67.5787

Background



This preview shows how black text looks on a background with the XYZ color 57.4490, 63.2790, 67.5787.

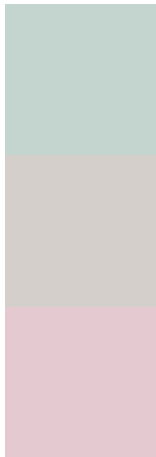


This preview shows how white text looks on a background with the XYZ color 57.4490, 63.2790,

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

57.4490, 63.2790, 67.5787

Protanopia

60.5329, 63.0836, 65.4858

Deuteranopia

64.2667, 62.8213, 68.4130



Tritanopia

60.0811, 63.2340, 80.9903

Trichromacy



Original Color

57.4490, 63.2790, 67.5787

Protanomaly

59.4317, 63.2260, 66.1982

Deuteranomaly

61.4127, 62.7666, 67.9098

Tritanomaly

59.1215, 63.2134, 76.1032

Monochromacy



Original Color

57.4490, 63.2790, 67.5787

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 57.4490, 63.2790, 67.5787 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(196, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 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(196, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 206) }
```

Border

The CSS property to change the border of an element to XYZ 57.4490, 63.2790, 67.5787 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(196, 212, 206) }
```


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

```
.border{ border-color:rgb(196, 212, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 212, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4490, 63.2790, 67.5787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 206) }
```

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

```
.background{ background-color: rgb(196,  
212, 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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