

Converting Colors

XYZ(57.8084, 63.4645, 50.7980)

Have a look what the booklet for
XYZ(57.8084, 63.4645, 50.7980)
contains.

XYZ(57.8084, 63.4645, 50.7980)	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(57.8084, 63.4645,
50.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D3B1
RGB	210, 211, 177
RGB Percent	82%, 83%, 69%
CMY	0.1765, 0.1725, 0.3059
CMYK	0.00, 0.00, 0.16, 0.17
HSL	62°, 28%, 76%
HSV	62°, 16%, 83%
XYZ	57.8084, 63.4645, 50.7980
YIQ	206.8250, 10.3180, -10.7860

Conversions

Conversions Part 2

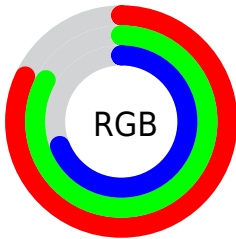
Format	Color
RYB	177, 211, 178
Decimal	13816753
CIELab	83.69, -6.05, 16.76
CIELCh	84, 17.815, 109.856
Yxy	63.4645, 0.3360, 0.3688
Android (android.graphics.Color)	4292006833 (0xFFD2D3B1)
YUV	206.8250, -14.7037, 2.7845
Hunter-Lab	79.6646, -9.8850, 17.9591

Details

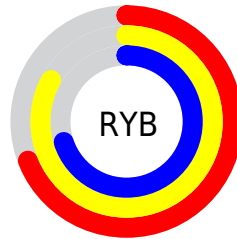
The XYZ color **57.8084, 63.4645, 50.7980** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.8426, 45.6141, 68.0198**, and the grayscale version is **59.2839, 62.3713, 67.9224**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **29.2126, 32.5377, 23.8095** is the 20% darker color. If you saturate the color by 10%, you get **55.6893, 62.5985, 40.5562**, and if you desaturate by 10%, it is **60.2568, 64.4665, 62.7553**.

Distribution



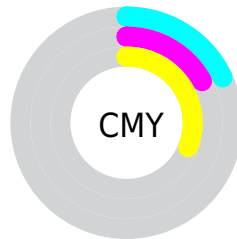
- Red (82%)
- Green (83%)
- Blue (69%)



- Red (69%)
- Yellow (83%)
- Blue (70%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8084, 63.4645, 50.7980 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 57.8084, 63.4645, 50.7980 by changing the saturation by 10% instead.

■ 57.8084, 63.4645,
50.7980

■ 57.8084, 63.4645,
50.7980

406.4370,
437.2533, 406.6026

■ 41.8973, 46.2171,
35.6723

■ 100.7684,
109.8394, 92.7646

■ 29.2116, 32.4172,
23.8935

128.5479,
139.7356, 120.4425

■ 19.3861, 21.6803,
15.0432

161.0144,
174.6169, 153.1415

■ 12.0552, 13.6222,
8.7027

198.5330,
214.8677, 191.2802

■ 6.8538, 7.8584,
4.4536

241.4693,
260.8723, 235.2771

■ 3.4163, 4.0045,
1.8774

290.1884,

■ 1.3776, 1.6761,

313.0152, 285.5508

0.4783

345.0559,
371.6807, 342.5198

■ 0.2402, 0.4081,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8084, 63.4645,
50.7980

■ 57.8084, 63.4645,
50.7980

■ 55.6893, 62.5985,
40.5562

■ 60.2568, 64.4665,
62.7553

■ 53.8796, 61.8542,
31.9474

■ 63.0434, 65.6018,
76.4975

■ 52.3649, 61.2280,
24.8885

■ 66.1831, 66.8784,
92.0951

■ 51.1276, 60.7129,
19.2872

■ 68.6397, 67.8818,
104.0925

■ 50.1485, 60.3011,
15.0417

■ 68.8204, 67.9750,
104.1010

■ 49.4057, 59.9840,
12.0370

■ 69.0017, 68.0684,
104.1095

■ 48.8738, 59.7512,
10.1390

■ 69.1838, 68.1623,
104.1180

■ 48.5209, 59.5901,
9.1801

■ 69.3665, 68.2565,
104.1266

■ 48.4092, 59.5377,
8.9405

■ 69.5499, 68.3511,
104.1351

Harmonies

Analogous

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



61.6522, 63.4645, 50.0349



57.8084, 63.4645, 50.7980



54.7655, 63.4645, 56.1538

Triad

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



57.8084, 63.4645, 50.7980



55.6120, 63.4645, 86.8638



68.0123, 63.4645, 72.9560

Complementary

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



57.8084, 63.4645, 50.7980



45.8426, 45.6141, 68.0198

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.



66.2402, 63.4645, 83.9019



57.8084, 63.4645, 50.7980



59.0093, 63.4645, 92.4855

Square

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



57.8084, 63.4645, 50.7980



53.5359, 63.4645, 76.6605



62.9056, 63.4645, 91.3467



67.6567, 63.4645, 62.0575

Rectangle

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



57.8084, 63.4645, 50.7980



53.5478, 63.4645, 61.9631



62.9056, 63.4645, 91.3467



67.6428, 63.4645, 76.7693

Sweetspot

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



57.8101, 63.4673, 50.7994



92.9261, 99.1345, 98.4385



50.6361, 48.6934, 48.3258



19.8284, 21.1937, 20.7673



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.



57.8101, 63.4673, 50.7994



87.6828, 96.9925, 72.8435



53.3354, 61.1605, 50.5899



12.7675, 13.7791, 12.5988



29.2294, 35.9373, 5.3960



1.6454, 2.0151, 0.3022

Inverse Universe

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



45.8426, 45.6141, 68.0198



66.2612, 65.0351, 103.6684



49.8758, 47.6933, 68.2085



11.1955, 11.4341, 14.8606



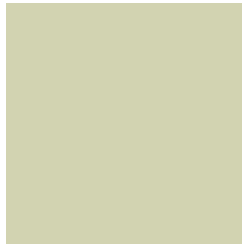
7.1581, 2.8704, 37.3693



0.4118, 0.1665, 2.0900

Previews

White Background



This preview shows how the XYZ color 57.8084, 63.4645, 50.7980 looks on a white background.

Color Contrast Check

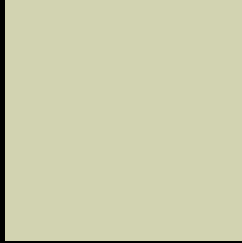
Large Text (above 18pt) WCAG AA × Fail

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 57.8084, 63.4645, 50.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

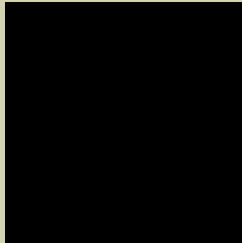
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

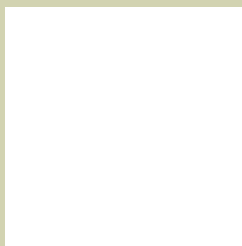
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8084, 63.4645, 50.7980

Background



This preview shows how black text looks on a background with the XYZ color 57.8084, 63.4645, 50.7980.



This preview shows how white text looks on a background with the XYZ color 57.8084, 63.4645,

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

57.8084, 63.4645, 50.7980

Protanopia

59.9075, 63.4620, 50.1662

Deuteranopia

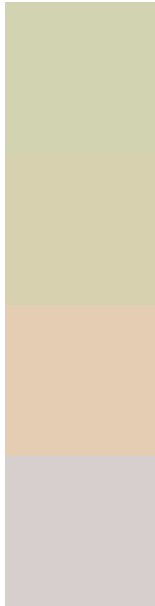
64.6199, 63.3787, 51.4753



Tritanopia

63.2014, 63.4820, 77.3288

Trichromacy



Original Color

57.8084, 63.4645, 50.7980

Protanomaly

58.9558, 63.3344, 50.1918

Deuteranomaly

61.8621, 63.3710, 51.0908

Tritanomaly

61.0638, 63.3296, 66.7630

Monochromacy



Original Color

57.8084, 63.4645, 50.7980

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.5321, 62.5072, 61.2047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8084, 63.4645, 50.7980 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(210, 211, 177)` looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 177)  
}
```

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(210, 211, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 177) }
```

Border

The CSS property to change the border of an element to XYZ 57.8084, 63.4645, 50.7980 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(210, 211, 177) }
```


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

```
.border{ border-color:rgb(210, 211, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 211, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 177);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8084, 63.4645, 50.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 177) }
```

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

```
.background{ background-color: rgb(210,  
211, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor