

Converting Colors

XYZ(63.9958, 68.5969, 67.6552)

Have a look what the booklet for
XYZ(63.9958, 68.5969, 67.6552)
contains.

XYZ(63.8566, 68.4806, 67.6101)	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(63.8566, 68.4806,
67.6101)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D9CD
RGB	215, 217, 205
RGB Percent	84%, 85%, 80%
CMY	0.1569, 0.1490, 0.1961
CMYK	0.01, 0.00, 0.06, 0.15
HSL	70°, 14%, 83%
HSV	70°, 6%, 85%
XYZ	63.8566, 68.4806, 67.6101
YIQ	215.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

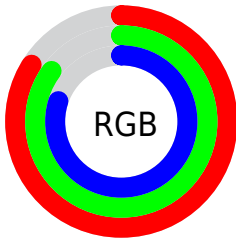
Format	Color
RYB	205, 217, 207
Decimal	14145997
CIELab	86.25, -2.80, 5.66
CIELCh	86, 6.314, 116.312
Yxy	68.4806, 0.3194, 0.3425
Android (android.graphics.Color)	4292336077 (0xFFD7D9CD)
YUV	215.0340, -4.9468, -0.0298
Hunter-Lab	82.7530, -7.0777, 9.4865

Details

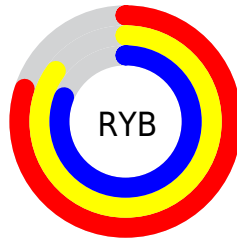
The XYZ color **63.8566, 68.4806, 67.6101** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0906, 61.9397, 74.4378**, and the grayscale version is **64.6471, 68.0138, 74.0671**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0034, 35.5486, 34.4003** is the 20% darker color. If you saturate the color by 10%, you get **60.3651, 66.9646, 54.7081**, and if you desaturate by 10%, it is **67.7389, 70.1600, 82.4297**.

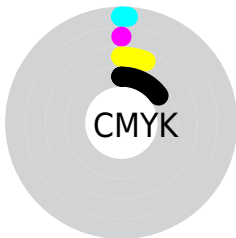
Distribution



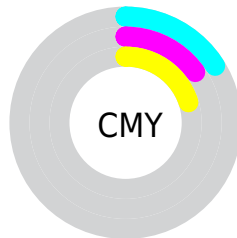
- Red (84%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (85%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8566, 68.4806, 67.6101 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 63.8566, 68.4806, 67.6101 by changing the saturation by 10% instead.

■ 63.8566, 68.4806,
67.6101

■ 63.8566, 68.4806,
67.6101

428.2820,
455.1969, 470.6738

■ 46.7958, 50.2888,
49.1159

109.4793,
117.0394, 117.4431

■ 33.0815, 35.6429,
34.3452

138.7719,
148.1752, 149.6190

■ 22.3484, 24.1586,
22.8794

172.8724,
184.3945, 187.1926

■ 14.2312, 15.4513,
14.3000

212.1463,
226.0817, 230.5823

■ 8.3644, 9.1367,
8.1885

256.9588,
273.6211, 280.2067

■ 4.3828, 4.8305,
4.1263

307.6754,

■ 1.9209, 2.1481,

327.3972, 336.4844

1.6949

364.6613,
387.7943, 399.8340

■ 0.5889, 0.6915,
0.3572

■ 0.0000, 0.0000,
0.0000

■ 63.8566, 68.4806,
67.6101

■ 63.8566, 68.4806,
67.6101

■ 60.3651, 66.9646,
54.7081

■ 67.7389, 70.1600,
82.4297

■ 57.2436, 65.5972,
43.6410


■ 72.0204, 71.9997,
99.2363


■ 54.4780, 64.3747,
34.3266


■ 74.1881, 72.9965,
104.7873


■ 52.0510, 63.2904,
26.6747


■ 75.3357, 73.5882,
104.8411


 49.9439, 62.3367,
20.5870


 76.5075, 74.1922,
104.8959


 48.1358, 61.5053,
15.9552


 77.7035, 74.8088,
104.9519


 46.6033, 60.7867,
12.6567

 78.9240, 75.4380,
105.0090

 45.3194, 60.1701,
10.5494

 80.1691, 76.0798,
105.0673

 44.2505, 59.6421,
9.4583

 81.4389, 76.7345,
105.1267

Harmonies

Analogous

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



65.2689, 68.4806, 66.8509



63.8566, 68.4806, 67.6101



62.7887, 68.4806, 70.2075

Triad

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



63.8566, 68.4806, 67.6101



63.5494, 68.4806, 81.4308



67.9206, 68.4806, 75.0803

Complementary

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



63.8566, 68.4806, 67.6101



60.0906, 61.9397, 74.4378

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.



67.4443, 68.4806, 79.0965



63.8566, 68.4806, 67.6101



64.9090, 68.4806, 82.8481

Square

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



63.8566, 68.4806, 67.6101



62.6132, 68.4806, 78.1717



66.3367, 68.4806, 81.9785



67.6288, 68.4806, 71.0685

Rectangle

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



63.8566, 68.4806, 67.6101



62.4084, 68.4806, 72.6839



66.3367, 68.4806, 81.9785



67.8448, 68.4806, 76.4757

Sweetspot

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



63.8585, 68.4836, 67.6116



93.9270, 99.5147, 104.6181



61.9499, 63.7871, 66.8057



20.1160, 21.3053, 22.4374



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.



63.8585, 68.4836, 67.6116



91.2199, 98.3423, 94.4099



62.1292, 67.5921, 67.5307



14.0881, 15.2134, 14.4746



26.5998, 36.0102, 5.5487



1.7811, 2.3627, 0.3622

Inverse Universe

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



60.0906, 61.9397, 74.4378



84.3572, 86.4234, 106.8430



61.7986, 62.8202, 74.5177



12.9557, 13.2467, 16.5262



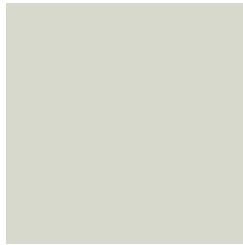
8.0870, 3.2932, 39.9478



0.5871, 0.2459, 2.5910

Previews

White Background



This preview shows how the XYZ color 63.8566, 68.4806, 67.6101 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 63.8566, 68.4806, 67.6101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

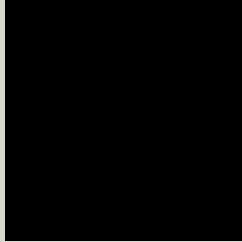
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

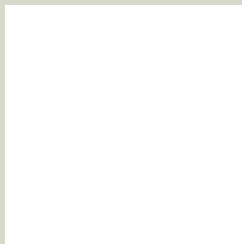
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8566, 68.4806, 67.6101

Background



This preview shows how black text looks on a background with the XYZ color 63.8566, 68.4806, 67.6101.



This preview shows how white text looks on a background with the XYZ color 63.8566, 68.4806,

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

63.8566, 68.4806, 67.6101

Protanopia

65.3237, 68.4901, 66.9037

Deuteranopia

69.7535, 68.1420, 68.5078



Tritanopia

67.2906, 68.3617, 84.5115

Trichromacy



Original Color

63.8566, 68.4806, 67.6101

Protanomaly

64.6684, 68.5314, 66.9462

Deuteranomaly

67.3898, 68.0337, 67.9725

Tritanomaly

66.0112, 68.2190, 78.0950

Monochromacy



Original Color

63.8566, 68.4806, 67.6101

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.3381, 68.2620, 71.4129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8566, 68.4806, 67.6101 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(215, 217, 205) looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 205)  
}
```

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(215, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 205) }
```

Border

The CSS property to change the border of an element to XYZ 63.8566, 68.4806, 67.6101 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(215, 217, 205) }
```


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

```
.border{ border-color:rgb(215, 217, 205) }
```

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

Here you see how a box with a 4 pixel rgb(215, 217, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8566, 68.4806, 67.6101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 205) }
```

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

```
.background{ background-color: rgb(215,  
217, 205) }
```

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