

Converting Colors

XYZ(64.4792, 67.6511, 68.2457)

Have a look what the booklet for
XYZ(64.4792, 67.6511, 68.2457)
contains.

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Color

**XYZ(64.4006, 67.6094,
68.0482)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD6CE
RGB	219, 214, 206
RGB Percent	86%, 84%, 81%
CMY	0.1412, 0.1608, 0.1922
CMYK	0.00, 0.02, 0.06, 0.14
HSL	37°, 15%, 83%
HSV	37°, 6%, 86%
XYZ	64.4006, 67.6094, 68.0482
YIQ	214.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

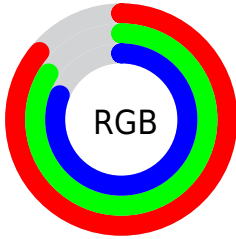
Format	Color
RYB	214, 219, 206
Decimal	14407374
CIELab	85.81, 0.32, 4.54
CIELCh	86, 4.552, 85.992
Yxy	67.6094, 0.3219, 0.3379
Android (android.graphics.Color)	4292597454 (0xFFD6CE)
YUV	214.5830, -4.2314, 3.8737
Hunter-Lab	82.2249, -4.0880, 8.4899

Details

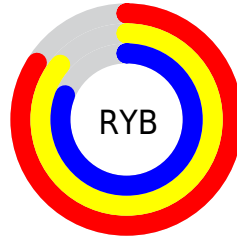
The XYZ color **64.4006, 67.6094, 68.0482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5341, 64.8240, 76.2879**, and the grayscale version is **64.3361, 67.6865, 73.7106**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3755, 34.9558, 34.6938** is the 20% darker color. If you saturate the color by 10%, you get **59.8485, 62.4699, 54.3067**, and if you desaturate by 10%, it is **69.4373, 73.1233, 83.7818**.

Distribution



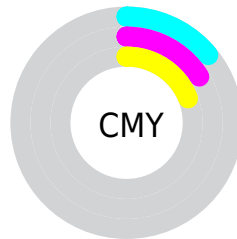
- Red (86%)
- Green (84%)
- Blue (81%)



- Red (84%)
- Yellow (86%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4006, 67.6094, 68.0482 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 64.4006, 67.6094, 68.0482 by changing the saturation by 10% instead.

■ 64.4006, 67.6094,
68.0482

■ 64.4006, 67.6094,
68.0482

430.2142,
452.1109, 472.2695

■ 47.2381, 49.5800,
49.4700

110.2582,
115.7932, 118.0760

■ 33.4327, 35.0798,
34.6242

139.6840,
146.7164, 150.3626

■ 22.6189, 23.7244,
23.0923

173.9282,
182.7063, 188.0558

■ 14.4315, 15.1293,
14.4558

213.3563,
224.1474, 231.5742

■ 8.5051, 8.9102,
8.2960

258.3336,
271.4240, 281.3362

■ 4.4743, 4.6826,
4.1944

309.2255,

■ 1.9738, 2.0623,

324.9205, 337.7604

1.7326

366.3972,
385.0213, 401.2653

■ 0.6192, 0.6433,
0.3829

■ 0.0000, 0.0000,
0.0000

■ 64.4006, 67.6094,
68.0482

■ 64.4006, 67.6094,
68.0482

■ 59.8485, 62.4699,
54.3067

■ 69.4373, 73.1233,
83.7818

■ 55.7585, 57.6865,
42.4721

■ 74.9690, 79.0117,
101.5792

■ 52.1145, 53.2523,
32.4595

■ 78.2053, 84.1632,
106.7310

■ 48.8972, 49.1568,
24.1758

■ 80.7307, 89.2140,
107.5728

■ 46.0857, 45.3889,
17.5196

■ 83.0238, 93.8003,
108.3372

■ 43.6570, 41.9365,
12.3788

■ 41.5854, 38.7862,
8.6269

■ 39.8410, 35.9231,
6.1166

■ 38.3874, 33.3294,
4.6656

Harmonies

Analogous

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



65.3858, 67.6094, 68.9686



64.4006, 67.6094, 68.0482



63.3883, 67.6094, 68.5860

Triad

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



64.4006, 67.6094, 68.0482



62.4798, 67.6094, 76.1538



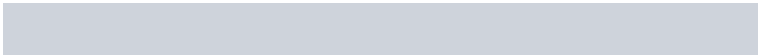
65.9328, 67.6094, 76.8653

Complementary

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



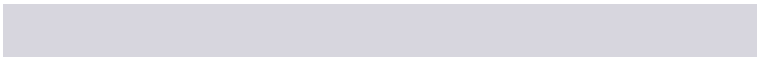
64.4006, 67.6094, 68.0482



61.5341, 64.8240, 76.2879

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.



65.1411, 67.6094, 78.8843



64.4006, 67.6094, 68.0482



63.1486, 67.6094, 78.4658

Square

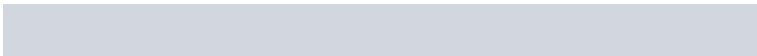
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.4006, 67.6094, 68.0482



62.2863, 67.6094, 73.2155



64.1210, 67.6094, 79.4777



66.2764, 67.6094, 74.0162

Rectangle

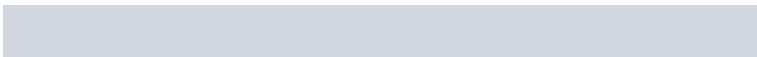
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.4006, 67.6094, 68.0482



62.8330, 67.6094, 69.7072



64.1210, 67.6094, 79.4777



65.7099, 67.6094, 77.6665

Sweetspot

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



64.4025, 67.6123, 68.0497



93.6175, 98.4316, 104.4253



63.0687, 63.9169, 70.7737



20.0531, 21.0849, 22.3982



0.0000, 0.0000, 0.0000



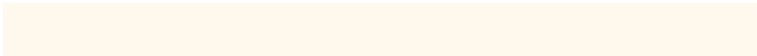
20.3446, 21.4041, 23.3091

Same Dimension

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



64.4025, 67.6123, 68.0497



90.1584, 94.6039, 93.7442



65.2969, 69.9795, 68.4594



13.9127, 14.5954, 14.3645



22.5546, 19.3947, 2.5548



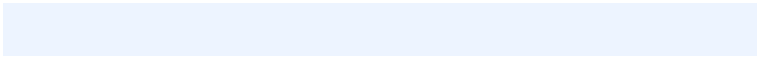
1.5436, 1.4214, 0.1930

Inverse Universe

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



61.5341, 64.8240, 76.2879



85.3789, 89.9579, 107.4714



60.6745, 62.5668, 75.8975



13.1241, 13.8287, 16.6296



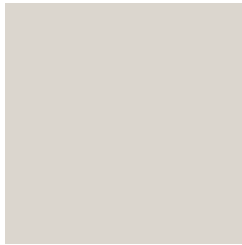
9.5676, 7.0046, 40.5862



0.7017, 0.6175, 2.6567

Previews

White Background



This preview shows how the XYZ color 64.4006, 67.6094, 68.0482 looks on a white background.

Color Contrast Check

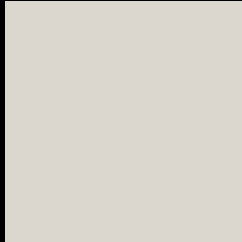
Large Text (above 18pt) WCAG AA × Fail

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 64.4006, 67.6094, 68.0482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

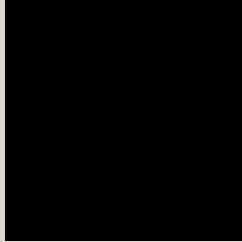
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

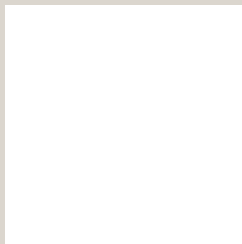
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.4006, 67.6094, 68.0482

Background



This preview shows how black text looks on a background with the XYZ color 64.4006, 67.6094, 68.0482.

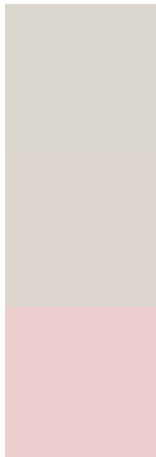


This preview shows how white text looks on a background with the XYZ color 64.4006, 67.6094,

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

64.4006, 67.6094, 68.0482

Protanopia

64.7023, 67.7650, 68.0623

Deuteranopia

68.8352, 67.3078, 68.3952



Tritanopia

67.2836, 67.6642, 82.1873

Trichromacy



Original Color

64.4006, 67.6094, 68.0482

Protanomaly

64.7023, 67.7650, 68.0623

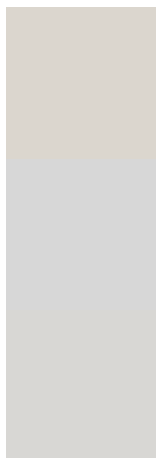
Deuteranomaly

67.2641, 67.5871, 68.5319

Tritanomaly

66.1485, 67.5736, 76.5744

Monochromacy



Original Color

64.4006, 67.6094, 68.0482

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.5030, 67.9533, 72.0040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4006, 67.6094, 68.0482 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(219, 214, 206) looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 214, 206) }
```

Border

The CSS property to change the border of an element to XYZ 64.4006, 67.6094, 68.0482 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(219, 214, 206) }
```


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

```
.border{ border-color:rgb(219, 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(219, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(219, 214,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4006, 67.6094, 68.0482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 214, 206) }
```

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

```
.background{ background-color: rgb(219,  
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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