

Converting Colors

XYZ(64.2864, 68.8370, 66.2580)

Have a look what the booklet for
XYZ(64.2864, 68.8370, 66.2580)
contains.

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Color

**XYZ(64.2076, 68.6892,
66.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D9CB
RGB	217, 217, 203
RGB Percent	85%, 85%, 80%
CMY	0.1490, 0.1490, 0.2039
CMYK	0.00, 0.00, 0.06, 0.15
HSL	60°, 16%, 82%
HSV	60°, 6%, 85%
XYZ	64.2076, 68.6892, 66.3742
YIQ	215.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

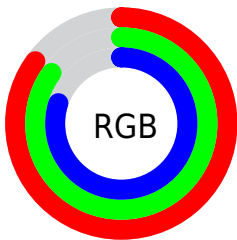
Format	Color
RYB	203, 217, 203
Decimal	14277067
CIELab	86.35, -2.44, 6.88
CIELCh	86, 7.306, 109.551
Yxy	68.6892, 0.3222, 0.3447
Android (android.graphics.Color)	4292467147 (0xFFD9D9CB)
YUV	215.4040, -6.1152, 1.3997
Hunter-Lab	82.8789, -6.7515, 10.5324

Details

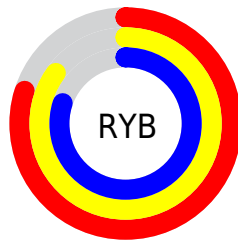
The XYZ color **64.2076, 68.6892, 66.3742** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5116, 60.4200, 74.2276**, and the grayscale version is **64.9048, 68.2849, 74.3622**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2454, 35.6920, 33.5708** is the 20% darker color. If you saturate the color by 10%, you get **61.7993, 67.7279, 53.6939**, and if you desaturate by 10%, it is **66.9818, 69.8013, 80.9640**.

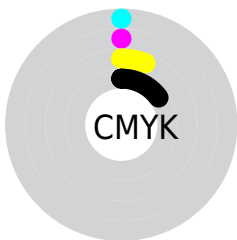
Distribution



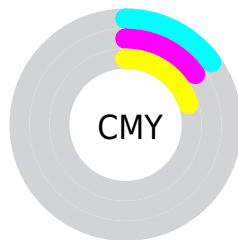
- Red (85%)
- Green (85%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2076, 68.6892, 66.3742 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 64.2076, 68.6892, 66.3742 by changing the saturation by 10% instead.

■ 64.2076, 68.6892,
66.3742

■ 64.2076, 68.6892,
66.3742

429.5293,
455.9340, 466.1547

■ 47.0811, 50.4586,
48.1178

109.9819,
117.3376, 115.6554

■ 33.3080, 35.7780,
33.5596

139.3605,
148.5241, 147.5172

■ 22.5229, 24.2628,
22.2808

173.5538,
184.7982, 184.7514

■ 14.3604, 15.5286,
13.8631

212.9273,
226.5440, 227.7763

■ 8.4551, 9.1912,
7.8879

257.8462,
274.1462, 277.0105

■ 4.4418, 4.8661,
3.9365

308.6759,

■ 1.9550, 2.1689,

327.9890, 332.8726

1.5906

365.7818,
388.4568, 395.7812

■ 0.6085, 0.7030,
0.2841

■ 0.0000, 0.0000,
0.0000

■ 64.2076, 68.6892,
66.3742

■ 64.2076, 68.6892,
66.3742

■ 61.7993, 67.7279,
53.6939

■ 66.9818, 69.8013,
80.9640

■ 59.7362, 66.9024,
42.8398

■ 70.1302, 71.0609,
97.5331

■ 58.0042, 66.2094,
33.7294

■ 71.4857, 71.6033,
104.6609

■ 56.5860, 65.6419,
26.2717

■ 71.4876, 71.6043,
104.6610

■ 55.4629, 65.1924,
20.3677

■ 71.4896, 71.6053,
104.6610

■ 54.6140, 64.8526,
15.9077

■ 71.4915, 71.6063,
104.6611

■ 54.0159, 64.6132,
12.7680

■ 71.4935, 71.6073,
104.6612

■ 53.6409, 64.4630,
10.8038

■ 71.4954, 71.6084,
104.6613

■ 53.4544, 64.3881,
9.8318

■ 71.4974, 71.6094,
104.6614

Harmonies

Analogous

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



65.8771, 68.6892, 66.0225



64.2076, 68.6892, 66.3742



62.8497, 68.6892, 68.9246

Triad

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



64.2076, 68.6892, 66.3742



63.2052, 68.6892, 82.0849



68.5290, 68.6892, 76.4883

Complementary

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



64.2076, 68.6892, 66.3742



58.5116, 60.4200, 74.2276

Split Complementary

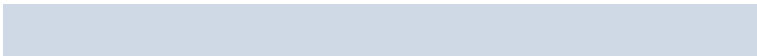
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7865, 68.6892, 80.9809



64.2076, 68.6892, 66.3742



64.7005, 68.6892, 84.3031

Square

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



64.2076, 68.6892, 66.3742



62.2779, 68.6892, 77.9427



66.3785, 68.6892, 83.8906



68.3915, 68.6892, 71.7251

Rectangle

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



64.2076, 68.6892, 66.3742



62.2948, 68.6892, 71.5921



66.3785, 68.6892, 83.8906



68.3736, 68.6892, 78.0835

Sweetspot

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



64.2095, 68.6922, 66.3757



94.2391, 99.6756, 104.6327



60.7529, 61.7771, 65.2231



20.1795, 21.3381, 22.4404



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.



64.2095, 68.6922, 66.3757



91.9354, 98.7539, 92.5105



62.1732, 67.6425, 66.2804



14.1619, 15.2637, 13.9254



32.3309, 38.9647, 5.8169



2.0947, 2.5244, 0.3769

Inverse Universe

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



58.5116, 60.4200, 74.2276



81.7750, 84.0031, 106.5120



60.4607, 61.4249, 74.3188



12.3391, 12.6174, 16.4372



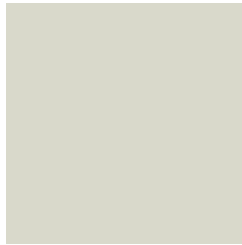
7.5823, 3.0330, 39.9242



0.4913, 0.1966, 2.5865

Previews

White Background



This preview shows how the XYZ color 64.2076, 68.6892, 66.3742 looks on a white background.

Color Contrast Check

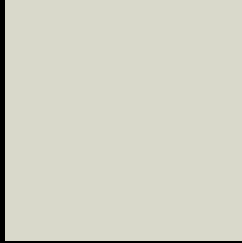
Large Text (above 18pt) WCAG AA × Fail

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 64.2076, 68.6892, 66.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

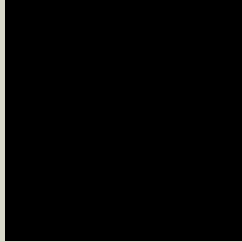
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

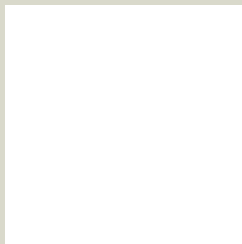
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2076, 68.6892, 66.3742

Background



This preview shows how black text looks on a background with the XYZ color 64.2076, 68.6892, 66.3742.



This preview shows how white text looks on a background with the XYZ color 64.2076, 68.6892,

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

64.2076, 68.6892, 66.3742

Protanopia

65.3925, 68.5531, 65.6626

Deuteranopia

70.0955, 68.7095, 67.3254



Tritanopia

67.8960, 68.6738, 84.5398

Trichromacy



Original Color

64.2076, 68.6892, 66.3742

Protanomaly

65.0353, 68.7482, 65.7191

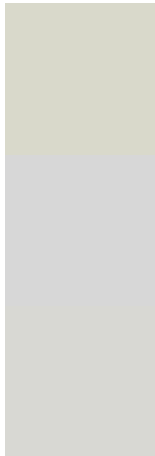
Deuteranomaly

67.7213, 68.6024, 66.7990

Tritanomaly

66.4800, 68.4761, 77.4235

Monochromacy



Original Color

64.2076, 68.6892, 66.3742

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.6326, 68.4138, 71.4267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2076, 68.6892, 66.3742 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(217, 217, 203) looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 203)  
}
```

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(217, 217, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 203) }
```

Border

The CSS property to change the border of an element to XYZ 64.2076, 68.6892, 66.3742 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(217, 217, 203) }
```


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

```
.border{ border-color:rgb(217, 217, 203) }
```

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

Here you see how a box with a 4 pixel rgb(217, 217, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 217, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 217, 203);  
box-shadow:4px 4px 4px 4px rgb(217, 217,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2076, 68.6892, 66.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 217, 203) }
```

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

```
.background{ background-color: rgb(217,  
217, 203) }
```

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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