

Converting Colors

XYZ(63.6372, 64.9889, 68.2216)

Have a look what the booklet for
XYZ(63.6372, 64.9889, 68.2216)
contains.

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Color

**XYZ(63.6372, 64.9889,
68.2216)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD0CF
RGB	221, 208, 207
RGB Percent	87%, 82%, 81%
CMY	0.1333, 0.1843, 0.1882
CMYK	0.00, 0.06, 0.06, 0.13
HSL	4°, 17%, 84%
HSV	4°, 6%, 87%
XYZ	63.6372, 64.9889, 68.2216
YIQ	211.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

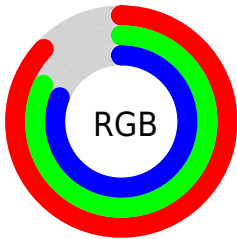
Format	Color
RYB	221, 208, 207
Decimal	14536911
CIELab	84.48, 4.32, 2.10
CIELCh	84, 4.803, 25.903
Yxy	64.9889, 0.3233, 0.3301
Android (android.graphics.Color)	4292726991 (0xFFDDD0CF)
YUV	211.7730, -2.3531, 8.0921
Hunter-Lab	80.6157, -0.1714, 6.2564

Details

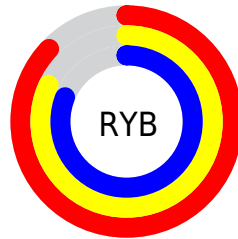
The XYZ color **63.6372, 64.9889, 68.2216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3765, 69.6713, 78.4624**, and the grayscale version is **62.4415, 65.6933, 71.5400**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0313, 33.5181, 34.8657** is the 20% darker color. If you saturate the color by 10%, you get **56.4401, 54.6197, 53.4123**, and if you desaturate by 10%, it is **71.8632, 76.8090, 85.2412**.

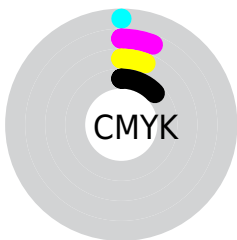
Distribution



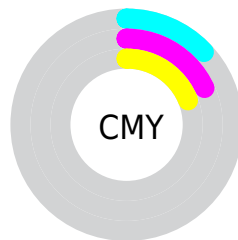
- Red (87%)
- Green (82%)
- Blue (81%)



- Red (87%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6372, 64.9889, 68.2216 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 63.6372, 64.9889, 68.2216 by changing the saturation by 10% instead.

■ 63.6372, 64.9889,
68.2216

■ 63.6372, 64.9889,
68.2216

427.5013,
442.7521, 472.9001

■ 46.6175, 47.4521,
49.6102

109.1649,
112.0339, 118.3263

■ 32.9400, 33.3932,
34.7348

138.4037,
142.3109, 150.6567

■ 22.2395, 22.4278,
23.1767

172.4461,
177.6033, 188.3972

■ 14.1506, 14.1716,
14.5175

211.6576,
218.2957, 231.9664

■ 8.3079, 8.2401,
8.3386

256.4035,
264.7724, 281.7827

■ 4.3460, 4.2490,
4.2215

307.0492,

■ 1.8997, 1.8138,

317.4177, 338.2647

1.7476

363.9600,
376.6162, 401.8310

■ 0.5767, 0.4957,
0.3931

■ 0.0000, 0.0000,
0.0000

■ 63.6372, 64.9889,
68.2216

■ 63.6372, 64.9889,
68.2216

■ 56.4401, 54.6197,
53.4123

■ 71.8632, 76.8090,
85.2412

■ 50.2262, 45.6374,
40.7188

■ 81.1506, 90.1241,
104.5523

■ 44.9544, 37.9859,
30.0455

■ 83.6292, 94.1124,
108.3655

■ 40.5786, 31.6017,
21.2884

■ 37.0488, 26.4165,
14.3338

■ 34.3103, 22.3552,
9.0562

■ 32.3016, 19.3346,
5.3139

■ 30.9523, 17.2595,
2.9418

■ 30.1773, 16.0175,
1.7338

Harmonies

Analogous

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



63.8427, 64.9889, 71.1832



63.6372, 64.9889, 68.2216



62.9293, 64.9889, 65.9989

Triad

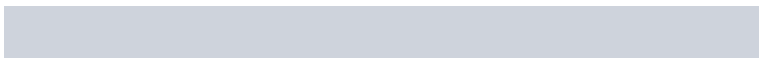
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.6372, 64.9889, 68.2216



60.0837, 64.9889, 67.5133



61.6233, 64.9889, 76.7966

Complementary

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



63.6372, 64.9889, 68.2216



64.3765, 69.6713, 78.4624

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.



60.6250, 64.9889, 75.7487



63.6372, 64.9889, 68.2216



59.7427, 64.9889, 70.3422

Square

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



63.6372, 64.9889, 68.2216



60.8765, 64.9889, 65.5983



59.9397, 64.9889, 73.3644



62.6722, 64.9889, 76.1895

Rectangle

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



63.6372, 64.9889, 68.2216



62.2719, 64.9889, 65.2054



59.9397, 64.9889, 73.3644



61.2708, 64.9889, 76.6254

Sweetspot

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



63.6390, 64.9917, 68.2230



92.7479, 96.6923, 104.1354



65.0597, 65.1697, 76.9074



19.8760, 20.7308, 22.3392



0.0000, 0.0000, 0.0000



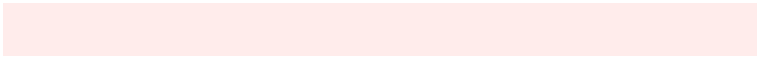
20.3446, 21.4041, 23.3091

Same Dimension

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



63.6390, 64.9917, 68.2230



86.1911, 87.2620, 90.5951



65.3657, 68.4451, 68.7986



13.1306, 13.2006, 13.5815



17.4589, 9.2034, 0.8563



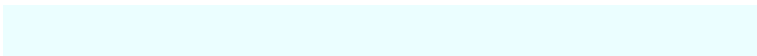
1.1579, 0.6500, 0.0644

Inverse Universe

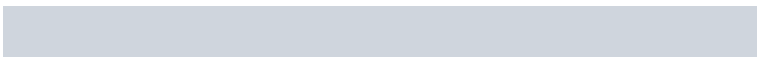
The Inverse Universe completely reimagines the original color for something new.



64.3765, 69.6713, 78.4624



87.4742, 95.4045, 108.4123



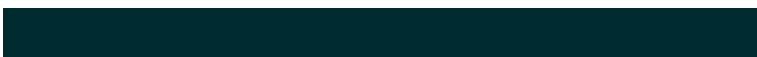
62.5953, 66.1089, 77.8687



13.3608, 14.6614, 16.7779



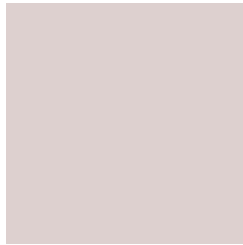
20.3209, 28.5113, 44.1706



1.3409, 1.8959, 2.8697

Previews

White Background



This preview shows how the XYZ color 63.6372, 64.9889, 68.2216 looks on a white background.

Color Contrast Check

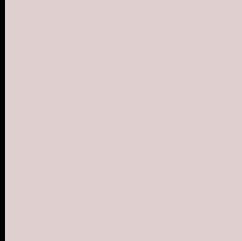
Large Text (above 18pt) WCAG AA × Fail

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 63.6372, 64.9889, 68.2216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

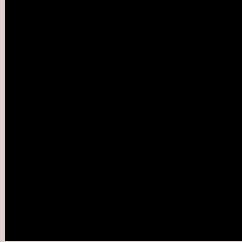
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

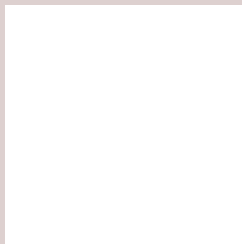
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6372, 64.9889, 68.2216

Background



This preview shows how black text looks on a background with the XYZ color 63.6372, 64.9889, 68.2216.



This preview shows how white text looks on a background with the XYZ color 63.6372, 64.9889,

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

63.6372, 64.9889, 68.2216

Protanopia

62.4561, 65.0943, 68.9472

Deuteranopia

66.2567, 64.8956, 68.7085



Tritanopia

65.6875, 65.1045, 78.2116

Trichromacy



Original Color

63.6372, 64.9889, 68.2216

Protanomaly

62.8009, 64.9067, 68.8928

Deuteranomaly

65.2114, 64.7107, 68.7279

Tritanomaly

64.9614, 65.1650, 74.7999

Monochromacy



Original Color

63.6372, 64.9889, 68.2216

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.9515, 65.6887, 70.3341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6372, 64.9889, 68.2216 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(221, 208, 207) looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 207)  
}
```

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(221, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 207) }
```

Border

The CSS property to change the border of an element to XYZ 63.6372, 64.9889, 68.2216 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(221, 208, 207) }
```


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

```
.border{ border-color:rgb(221, 208, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 208, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 208, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 208, 207); box-shadow:4px 4px 4px 4px rgb(221, 208, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6372, 64.9889, 68.2216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 208, 207) }
```

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

```
.background{ background-color: rgb(221,  
208, 207) }
```

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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