

Converting Colors

XYZ(63.4760, 68.1416, 65.9760)

Have a look what the booklet for
XYZ(63.4760, 68.1416, 65.9760)
contains.

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Color

**XYZ(63.4979, 68.3370,
65.7208)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D9CA
RGB	215, 217, 202
RGB Percent	84%, 85%, 79%
CMY	0.1569, 0.1490, 0.2078
CMYK	0.01, 0.00, 0.07, 0.15
HSL	68°, 16%, 82%
HSV	68°, 7%, 85%
XYZ	63.4979, 68.3370, 65.7208
YIQ	214.6920, 3.6230, -5.0890

Conversions

Conversions Part 2

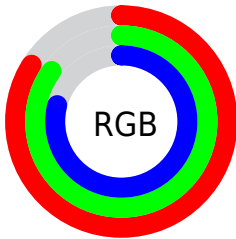
Format	Color
RYB	202, 217, 204
Decimal	14145994
CIELab	86.17, -3.31, 7.14
CIELCh	86, 7.872, 114.882
Yxy	68.3370, 0.3214, 0.3459
Android (android.graphics.Color)	4292336074 (0xFFD7D9CA)
YUV	214.6920, -6.2572, 0.2701
Hunter-Lab	82.6662, -7.5557, 10.7299

Details

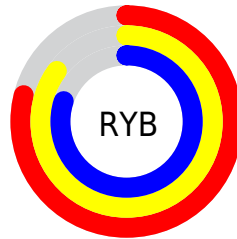
The XYZ color **63.4979, 68.3370, 65.7208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5493, 60.0900, 74.1618**, and the grayscale version is **64.4239, 67.7789, 73.8112**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7628, 35.4524, 33.1332** is the 20% darker color. If you saturate the color by 10%, you get **60.2643, 66.9483, 53.0871**, and if you desaturate by 10%, it is **67.1117, 69.8839, 80.2612**.

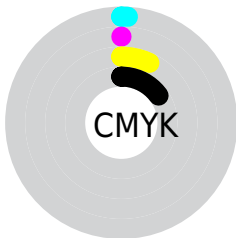
Distribution



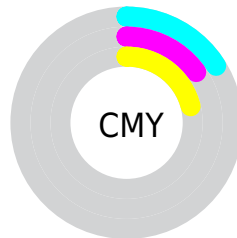
- Red (84%)
- Green (85%)
- Blue (79%)



- Red (79%)
- Yellow (85%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4979, 68.3370, 65.7208 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 63.4979, 68.3370, 65.7208 by changing the saturation by 10% instead.

■ 63.4979, 68.3370,
65.7208

■ 63.4979, 68.3370,
65.7208

427.0052,
454.6891, 463.7546

■ 46.5043, 50.1719,
47.5907

108.9653,
116.8341, 114.7087

■ 32.8502, 35.5500,
33.1452

138.1698,
147.9350, 146.4036

■ 22.1704, 24.0869,
21.9657

172.1753,
184.1165, 183.4572

■ 14.0995, 15.3981,
13.6336

211.3471,
225.7632, 226.2881

■ 8.2721, 9.0992,
7.7305

256.0507,
273.2595, 275.3147

■ 4.3228, 4.8060,
3.8377

306.6513,

■ 1.8863, 2.1339,

326.9896, 330.9556

1.5367

363.5144,
387.3380, 393.6294

■ 0.5689, 0.6836,
0.2451

■ 0.0000, 0.0000,
0.0000

■ 63.4979, 68.3370,
65.7208

■ 63.4979, 68.3370,
65.7208

■ 60.2643, 66.9483,
53.0871

■ 67.1117, 69.8839,
80.2612

■ 57.3902, 65.7030,
42.2766


■ 71.1143, 71.5859,
96.7782

■ 54.8614, 64.5975,
33.2064


■ 73.5103, 72.6470,
104.7556


■ 52.6604, 63.6248,
25.7853


■ 74.4147, 73.1132,
104.7979


 50.7684, 62.7774,
19.9137

 75.3343, 73.5873,
104.8410


 49.1642, 62.0469,
15.4815


 76.2695, 74.0694,
104.8847


 47.8242, 61.4237,
12.3641

 77.2202, 74.5595,
104.9292

 46.7205, 60.8967,
10.4155

 78.1864, 75.0576,
104.9744

 45.8171, 60.4515,
9.4458

 79.1684, 75.5638,
105.0204

Harmonies

Analogous

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



65.2634, 68.3370, 64.9085



63.4979, 68.3370, 65.7208



62.1450, 68.3370, 68.8158

Triad

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



63.4979, 68.3370, 65.7208



62.9693, 68.3370, 82.8678



68.4832, 68.3370, 75.3007

Complementary

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



63.4979, 68.3370, 65.7208



58.5493, 60.0900, 74.1618

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.



67.8429, 68.3370, 80.2939



63.4979, 68.3370, 65.7208



64.6421, 68.3370, 84.7906

Square

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



63.4979, 68.3370, 65.7208



61.8438, 68.3370, 78.6835



66.4287, 68.3370, 83.8275



68.1632, 68.3370, 70.2891

Rectangle

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



63.4979, 68.3370, 65.7208



61.6478, 68.3370, 71.8362



66.4287, 68.3370, 83.8275



68.3728, 68.3370, 77.0392

Sweetspot

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



63.4998, 68.3400, 65.7223



93.9895, 99.5469, 104.6210



60.8710, 62.2036, 64.6764



20.1288, 21.3119, 22.4380



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.



63.4998, 68.3400, 65.7223



90.9424, 98.2420, 92.4640



61.3479, 67.2306, 65.6216



13.9823, 15.1711, 13.9170



27.6428, 36.5479, 5.5975



1.8393, 2.3927, 0.3649

Inverse Universe

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



58.5493, 60.0900, 74.1618



82.6774, 84.4683, 106.5542



60.6545, 61.1753, 74.2603



12.4996, 12.7001, 16.4447



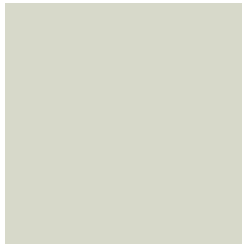
7.9386, 3.2167, 39.9409



0.5679, 0.2360, 2.5901

Previews

White Background



This preview shows how the XYZ color 63.4979, 68.3370, 65.7208 looks on a white background.

Color Contrast Check

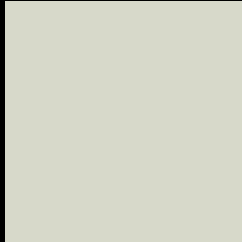
Large Text (above 18pt) WCAG AA × Fail

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 63.4979, 68.3370, 65.7208 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

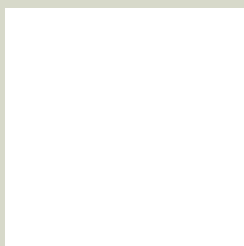
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4979, 68.3370, 65.7208

Background



This preview shows how black text looks on a background with the XYZ color 63.4979, 68.3370, 65.7208.



This preview shows how white text looks on a background with the XYZ color 63.4979, 68.3370,

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

63.4979, 68.3370, 65.7208

Protanopia

65.2745, 68.5059, 65.0410

Deuteranopia

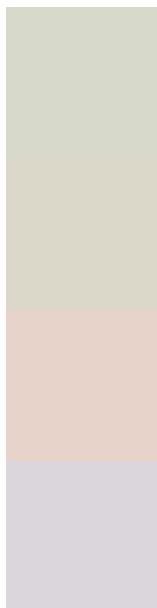
69.7306, 68.1722, 66.6101



Tritanopia

67.2906, 68.3617, 84.5115

Trichromacy



Original Color

63.4979, 68.3370, 65.7208

Protanomaly

64.6137, 68.5444, 65.0832

Deuteranomaly

67.3525, 68.0561, 66.0862

Tritanomaly

65.8783, 68.1659, 77.3953

Monochromacy



Original Color

63.4979, 68.3370, 65.7208

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.2131, 68.2119, 70.7546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4979, 68.3370, 65.7208 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, 202) looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 202) }
```

Border

The CSS property to change the border of an element to XYZ 63.4979, 68.3370, 65.7208 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, 202) }
```


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

```
.border{ border-color:rgb(215, 217, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 202);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4979, 68.3370, 65.7208 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, 202) }
```

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

```
.background{ background-color: rgb(215,  
217, 202) }
```

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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