

Converting Colors

XYZ(63.9683, 68.2057, 64.8718)

Have a look what the booklet for
XYZ(63.9683, 68.2057, 64.8718)
contains.

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Color

**XYZ(64.0119, 68.2342,
65.0551)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD8C9
RGB	218, 216, 201
RGB Percent	85%, 85%, 79%
CMY	0.1451, 0.1529, 0.2118
CMYK	0.00, 0.01, 0.08, 0.15
HSL	53°, 19%, 82%
HSV	53°, 8%, 85%
XYZ	64.0119, 68.2342, 65.0551
YIQ	214.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

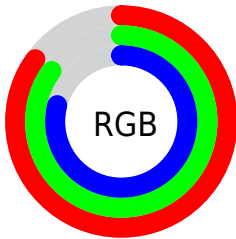
Format	Color
R_{YB}	203, 218, 201
Decimal	14342345
CIE Lab	86.12, -1.91, 7.63
CIE LCh	86, 7.862, 104.096
Yxy	68.2342, 0.3244, 0.3458
Android (android.graphics.Color)	4292532425 (0xFFDAD8C9)
YUV	214.8880, -6.8468, 2.7292
Hunter-Lab	82.6040, -6.2329, 11.1287

Details

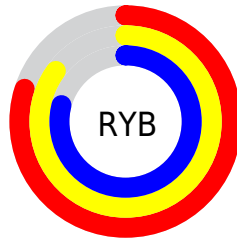
The XYZ color **64.0119, 68.2342, 65.0551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0981, 60.1903, 74.8861**, and the grayscale version is **64.5591, 67.9212, 73.9662**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1156, 35.3829, 32.6880** is the 20% darker color. If you saturate the color by 10%, you get **60.9775, 65.9817, 52.2767**, and if you desaturate by 10%, it is **67.4243, 70.6587, 79.7568**.

Distribution



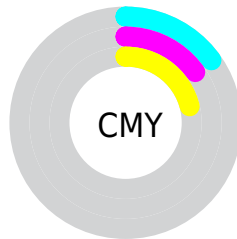
- Red (85%)
- Green (85%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0119, 68.2342, 65.0551 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 64.0119, 68.2342, 65.0551 by changing the saturation by 10% instead.

■ 64.0119, 68.2342,
65.0551

■ 64.0119, 68.2342,
65.0551

428.8341,
454.3254, 461.3016

■ 46.9220, 50.0883,
47.0541

109.7017,
116.6871, 113.7431

■ 33.1817, 35.4836,
32.7238

139.0324,
147.7629, 145.2672

■ 22.4256, 24.0356,
21.6456

173.1740,
183.9175, 182.1361

■ 14.2883, 15.3600,
13.4009

212.4919,
225.5352, 224.7684

■ 8.4045, 9.0725,
7.5712

257.3516,
273.0004, 273.5825

■ 4.4088, 4.7885,
3.7380

308.1183,

■ 1.9359, 2.1237,

326.6976, 328.9971

1.4827

365.1573,
387.0111, 391.4306

■ 0.5976, 0.6779,
0.2050

■ 0.0000, 0.0000,
0.0000

■ 64.0119, 68.2342,
65.0551

■ 64.0119, 68.2342,
65.0551

■ 60.9775, 65.9817,
52.2767

■ 67.4243, 70.6587,
79.7568

■ 58.3001, 63.8860,
41.3368

■ 71.2235, 73.2521,
96.4530

■ 55.9653, 61.9436,
32.1509

■ 73.5342, 75.2666,
105.2600

■ 53.9553, 60.1473,
24.6262

■ 74.2260, 76.6500,
105.4905

■ 52.2510, 58.4892,
18.6611

■ 74.9281, 78.0543,
105.7246

■ 50.8308, 56.9607,
14.1431

■ 75.6406, 79.4794,
105.9621

■ 49.6705, 55.5521,
10.9446

■ 76.3637, 80.9254,
106.2031

■ 48.7415, 54.2519,
8.9156

■ 77.0972, 82.3925,
106.4476

■ 48.0040, 53.0440,
7.8463

■ 77.8413, 83.8808,
106.6957

Harmonies

Analogous

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



65.8114, 68.2342, 65.1295



64.0119, 68.2342, 65.0551



62.4664, 68.2342, 67.3750

Triad

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



64.0119, 68.2342, 65.0551



62.3908, 68.2342, 81.4381



68.2542, 68.2342, 77.0560

Complementary

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



64.0119, 68.2342, 65.0551



58.0981, 60.1903, 74.8861

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.



67.3028, 68.2342, 81.6743



64.0119, 68.2342, 65.0551



63.9070, 68.2342, 84.2834

Square

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



64.0119, 68.2342, 65.0551



61.5423, 68.2342, 76.7457



65.7046, 68.2342, 84.3718



68.2836, 68.2342, 71.8979

Rectangle

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



64.0119, 68.2342, 65.0551



61.7787, 68.2342, 70.0321



65.7046, 68.2342, 84.3718



68.0309, 68.2342, 78.7284

Sweetspot

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



64.0138, 68.2372, 65.0566



94.0489, 99.2945, 104.5691



60.6123, 61.0042, 65.2480



20.1408, 21.2605, 22.4274



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.



64.0138, 68.2372, 65.0566



90.7191, 96.9021, 90.3037



62.6990, 68.3230, 65.1424



14.0249, 14.9892, 13.8796



28.7206, 31.7268, 4.6101



1.8984, 2.1308, 0.3112

Inverse Universe

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



58.0981, 60.1903, 74.8861



80.9801, 83.6544, 106.4866



59.3398, 60.1353, 74.8100



12.4612, 12.8621, 16.4780



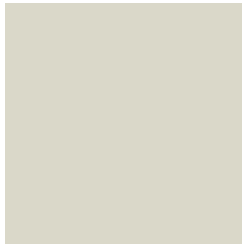
7.8381, 3.5456, 40.0097



0.5497, 0.3134, 2.6060

Previews

White Background



This preview shows how the XYZ color 64.0119, 68.2342, 65.0551 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 64.0119, 68.2342, 65.0551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

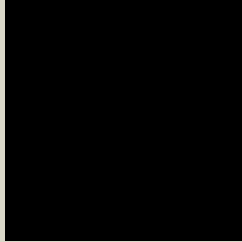
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

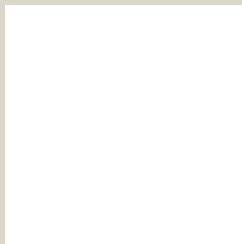
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0119, 68.2342, 65.0551

Background



This preview shows how black text looks on a background with the XYZ color 64.0119, 68.2342, 65.0551.



This preview shows how white text looks on a background with the XYZ color 64.0119, 68.2342,

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

64.0119, 68.2342, 65.0551

Protanopia

65.1572, 68.4590, 64.4233

Deuteranopia

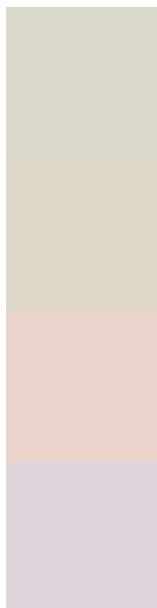
69.6110, 68.1243, 65.9803



Tritanopia

67.8105, 68.2737, 83.7329

Trichromacy



Original Color

64.0119, 68.2342, 65.0551

Protanomaly

64.5446, 68.1432, 64.3947

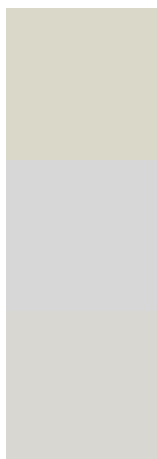
Deuteranomaly

67.5592, 68.1764, 65.4757

Tritanomaly

66.3992, 68.0751, 76.6580

Monochromacy



Original Color

64.0119, 68.2342, 65.0551

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.2522, 67.8530, 70.6832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0119, 68.2342, 65.0551 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(218, 216, 201) looks like.

```
.text, #text, p{  
    color:rgb(218, 216, 201)  
}
```

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(218, 216, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 216, 201) }
```

Border

The CSS property to change the border of an element to XYZ 64.0119, 68.2342, 65.0551 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(218, 216, 201) }
```


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

```
.border{ border-color:rgb(218, 216, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 216, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 216, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 216, 201);  
box-shadow:4px 4px 4px 4px rgb(218, 216,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0119, 68.2342, 65.0551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 216, 201) }
```

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

```
.background{ background-color: rgb(218,  
216, 201) }
```

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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