

Converting Colors

XYZ(63.4424, 68.1301, 69.0711)

Have a look what the booklet for
XYZ(63.4424, 68.1301, 69.0711)
contains.

XYZ(63.5159, 68.2768, 68.8626)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.5159, 68.2768,
68.8626)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D9CF
RGB	213, 217, 207
RGB Percent	84%, 85%, 81%
CMY	0.1647, 0.1490, 0.1882
CMYK	0.02, 0.00, 0.05, 0.15
HSL	84°, 12%, 83%
HSV	84°, 5%, 85%
XYZ	63.5159, 68.2768, 68.8626
YIQ	214.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

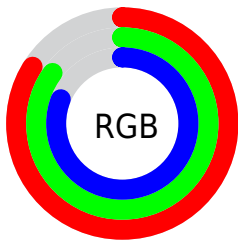
Format	Color
R _Y B	207, 217, 211
Decimal	14014927
CIE Lab	86.14, -3.14, 4.44
CIE LCh	86, 5.437, 125.294
Yxy	68.2768, 0.3165, 0.3403
Android (android.graphics.Color)	4292205007 (0xFFD5D9CF)
YUV	214.6640, -3.7784, -1.4593
Hunter-Lab	82.6298, -7.3926, 8.4293

Details

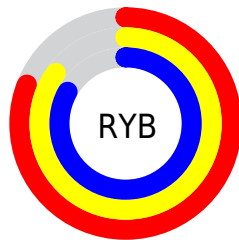
The XYZ color **63.5159, 68.2768, 68.8626** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7038, 63.4861, 74.6510**, and the grayscale version is **64.3901, 67.7434, 73.7725**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7707, 35.4097, 35.2445** is the 20% darker color. If you saturate the color by 10%, you get **58.5915, 66.0259, 55.7220**, and if you desaturate by 10%, it is **68.9438, 70.7490, 83.9331**.

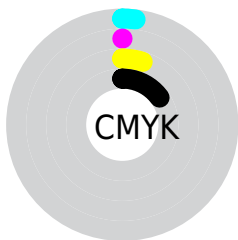
Distribution



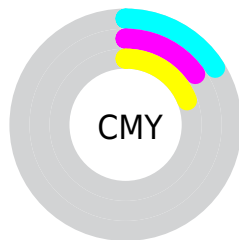
- Red (84%)
- Green (85%)
- Blue (81%)



- Red (81%)
- Yellow (85%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5159, 68.2768, 68.8626 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 63.5159, 68.2768, 68.8626 by changing the saturation by 10% instead.

■ 63.5159, 68.2768,
68.8626

■ 63.5159, 68.2768,
68.8626

427.0693,
454.4761, 475.2270

■ 46.5189, 50.1230,
50.1288

108.9911,
116.7480, 119.2512

■ 32.8618, 35.5111,
35.1438

138.2000,
147.8342, 151.7430

■ 22.1794, 24.0569,
23.4892

172.2103,
184.0000, 189.6578

■ 14.1061, 15.3758,
14.7465

211.3873,
225.6297, 233.4143

■ 8.2767, 9.0836,
8.4970

256.0963,
273.1078, 283.4309

■ 4.3258, 4.7957,
4.3223

306.7028,

■ 1.8880, 2.1279,

326.8186, 340.1262

1.8038

363.5720,
387.1466, 403.9187

■ 0.5699, 0.6803,
0.4304

■ 0.0000, 0.0000,
0.0000

■ 63.5159, 68.2768,
68.8626

■ 63.5159, 68.2768,
68.8626

■ 58.5915, 66.0259,
55.7220

■ 68.9438, 70.7490,
83.9331

■ 54.1479, 63.9805,
44.4287

■ 74.8854, 73.4404,
101.0024

■ 50.1692, 62.1362,
34.9012

■ 78.4803, 75.2091,
104.9882

■ 46.6361, 60.4850,
27.0496

■ 81.4846, 76.7579,
105.1288

■ 43.5280, 59.0183,
20.7767

■ 84.1042, 78.1083,
105.2514

■ 40.8221, 57.7268,
15.9748

■ 38.4930, 56.6001,
12.5229

■ 36.5118, 55.6263,
10.2808

■ 34.8434, 54.7911,
9.0775

Harmonies

Analogous

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



64.6735, 68.2768, 67.6946



63.5159, 68.2768, 68.8626



62.7354, 68.2768, 71.5011

Triad

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



63.5159, 68.2768, 68.8626



63.8954, 68.2768, 80.7738



67.3185, 68.2768, 73.7083

Complementary

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



63.5159, 68.2768, 68.8626



61.7038, 63.4861, 74.6510

Split Complementary

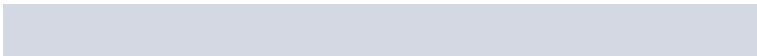
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.1037, 68.2768, 77.2568



63.5159, 68.2768, 68.8626



65.1171, 68.2768, 81.4105

Square

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



63.5159, 68.2768, 68.8626



62.9525, 68.2768, 78.3913



66.2940, 68.2768, 80.1043



66.8771, 68.2768, 70.4343

Rectangle

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



63.5159, 68.2768, 68.8626



62.5284, 68.2768, 73.7784



66.2940, 68.2768, 80.1043



67.3207, 68.2768, 74.9081

Sweetspot

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



63.5178, 68.2797, 68.8641



94.2676, 99.6438, 106.7345



63.1745, 65.8476, 68.4127



20.1854, 21.3316, 22.8684



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.



63.5178, 68.2797, 68.8641



90.4665, 97.9105, 96.3351



62.0898, 67.5436, 68.7973



13.9480, 15.1350, 14.7499



20.7291, 32.9837, 5.2740



1.4392, 2.1865, 0.3462

Inverse Universe

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



61.7038, 63.4861, 74.6510



87.0661, 88.9247, 107.1830



63.1586, 64.2361, 74.7191



13.3755, 13.6220, 16.5765



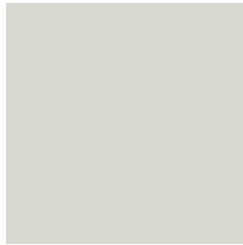
10.0645, 4.3126, 40.0404



0.7476, 0.3287, 2.5985

Previews

White Background



This preview shows how the XYZ color 63.5159, 68.2768, 68.8626 looks on a white background.

Color Contrast Check

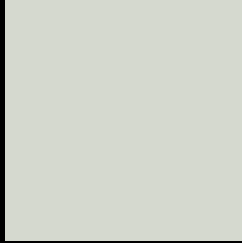
Large Text (above 18pt) WCAG AA × Fail

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 63.5159, 68.2768, 68.8626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

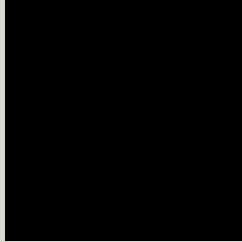
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

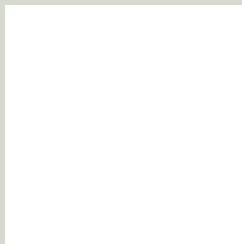
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5159, 68.2768, 68.8626

Background



This preview shows how black text looks on a background with the XYZ color 63.5159, 68.2768, 68.8626.

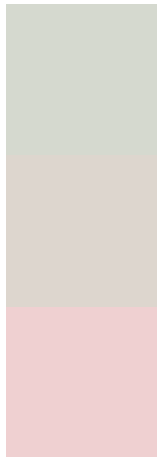


This preview shows how white text looks on a background with the XYZ color 63.5159, 68.2768,

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

63.5159, 68.2768, 68.8626

Protanopia

65.0059, 67.9215, 68.0765

Deuteranopia

69.6611, 68.0659, 69.7881



Tritanopia

66.6924, 68.0534, 84.4835

Trichromacy



Original Color

63.5159, 68.2768, 68.8626

Protanomaly

64.3545, 67.9625, 68.1188

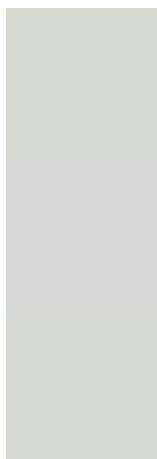
Deuteranomaly

67.3126, 67.9656, 69.2454

Tritanomaly

65.5503, 67.9660, 78.7711

Monochromacy



Original Color

63.5159, 68.2768, 68.8626

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.1711, 68.1613, 72.0616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5159, 68.2768, 68.8626 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(213, 217, 207) looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 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(213, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 207) }
```

Border

The CSS property to change the border of an element to XYZ 63.5159, 68.2768, 68.8626 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(213, 217, 207) }
```


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

```
.border{ border-color:rgb(213, 217, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 217, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5159, 68.2768, 68.8626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 207) }
```

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

```
.background{ background-color: rgb(213,  
217, 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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