

Converting Colors

XYZ(59.6065, 64.8303, 64.8168)

Have a look what the booklet for
XYZ(59.6065, 64.8303, 64.8168)
contains.

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Color

**XYZ(59.5137, 64.7847,
64.6263)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD5C9
RGB	205, 213, 201
RGB Percent	80%, 84%, 79%
CMY	0.1961, 0.1647, 0.2118
CMYK	0.04, 0.00, 0.06, 0.16
HSL	100°, 13%, 81%
HSV	100°, 6%, 84%
XYZ	59.5137, 64.7847, 64.6263
YIQ	209.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

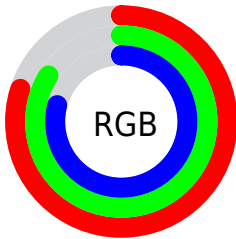
Format	Color
R _Y B	201, 213, 209
Decimal	13489609
CIE Lab	84.37, -4.88, 4.98
CIE LCh	84, 6.974, 134.461
Yxy	64.7847, 0.3150, 0.3429
Android (android.graphics.Color)	4291679689 (0xFFCDD5C9)
YUV	209.2400, -4.0623, -3.7185
Hunter-Lab	80.4889, -8.8724, 8.7370

Details

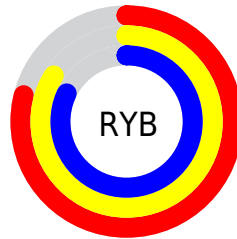
The XYZ color **59.5137, 64.7847, 64.6263** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1939, 60.1344, 71.4414**, and the grayscale version is **60.7887, 63.9544, 69.6463**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2558, 33.1396, 32.4057** is the 20% darker color. If you saturate the color by 10%, you get **53.4385, 61.9244, 52.1566**, and if you desaturate by 10%, it is **66.2958, 67.9730, 78.9456**.

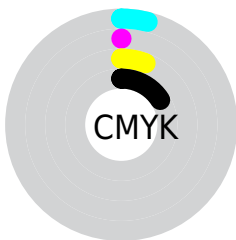
Distribution



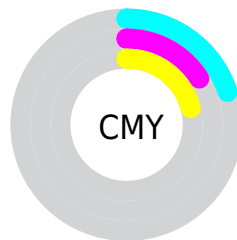
- Red (80%)
- Green (84%)
- Blue (79%)



- Red (79%)
- Yellow (84%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5137, 64.7847, 64.6263 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 59.5137, 64.7847, 64.6263 by changing the saturation by 10% instead.

■ 59.5137, 64.7847,
64.6263

■ 59.5137, 64.7847,
64.6263

412.6665,
442.0179, 459.7172

■ 43.2747, 47.2865,
46.7087

103.2343,
111.7403, 113.1205

■ 30.2962, 33.2622,
32.4527

131.4466,
141.9664, 144.5343

■ 20.2127, 22.3274,
21.4399

164.3808,
177.2041, 181.2838

■ 12.6589, 14.0977,
13.2515

202.4021,
217.8376, 223.7877

■ 7.2695, 8.1886,
7.4692

245.8760,
264.2513, 272.4644

■ 3.6790, 4.2159,
3.6744

295.1678,

■ 1.5222, 1.7950,

316.8296, 327.7325

1.4485

350.6428,
375.9570, 390.0106

■ 0.3409, 0.4841,
0.1791

■ 0.0000, 0.0000,
0.0000

■ 59.5137, 64.7847,
64.6263

■ 59.5137, 64.7847,
64.6263

■ 53.4385, 61.9244,
52.1566

■ 66.2958, 67.9730,
78.9456

■ 48.0410, 59.3732,
41.4569

■ 73.8017, 71.4908,
95.1812

■ 43.2982, 57.1226,
32.4482

■ 80.4188, 74.6963,
104.7870

■ 39.1833, 55.1609,
25.0439

■ 83.0855, 76.0711,
104.9118

■ 35.6677, 53.4754,
19.1494

■ 32.7205, 52.0523,
14.6604

■ 30.3072, 50.8766,
11.4596

■ 28.3893, 49.9313,
9.4101

■ 26.9211, 49.1965,
8.3440

Harmonies

Analogous

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



60.8353, 64.7847, 62.5998



59.5137, 64.7847, 64.6263



58.7514, 64.7847, 68.2795

Triad

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



59.5137, 64.7847, 64.6263



60.7817, 64.7847, 79.0789



64.5045, 64.7847, 68.4312

Complementary

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



59.5137, 64.7847, 64.6263



59.1939, 60.1344, 71.4414

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.



64.4896, 64.7847, 72.8488



59.5137, 64.7847, 64.6263



62.3225, 64.7847, 79.1237

Square

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



59.5137, 64.7847, 64.6263



59.4750, 64.7847, 76.6829



63.6852, 64.7847, 76.8029



63.7257, 64.7847, 64.7333

Rectangle

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



59.5137, 64.7847, 64.6263



58.6547, 64.7847, 71.2050



63.6852, 64.7847, 76.8029



64.5926, 64.7847, 69.8783

Sweetspot

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



59.5155, 64.7875, 64.6277



92.9996, 99.0366, 104.5747



60.7863, 63.9669, 64.4023



19.9273, 21.2080, 22.4286



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.



59.5155, 64.7875, 64.6277



88.0639, 96.7153, 94.2622



58.6631, 64.3207, 65.8245



12.9082, 14.2173, 13.7513



16.2179, 29.9370, 4.9236



1.0647, 1.8503, 0.3010

Inverse Universe

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



59.1939, 60.1344, 71.4414



87.4632, 88.0246, 106.9884



60.0875, 60.6243, 70.1657



12.8141, 12.8566, 15.7437



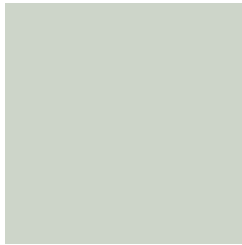
14.2656, 6.5067, 38.9572



0.9465, 0.4368, 2.3537

Previews

White Background



This preview shows how the XYZ color 59.5137, 64.7847, 64.6263 looks on a white background.

Color Contrast Check

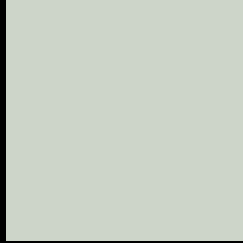
Large Text (above 18pt) WCAG AA × Fail

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 59.5137, 64.7847, 64.6263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

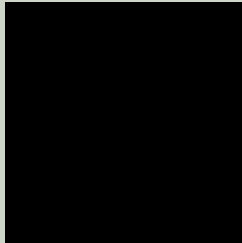
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

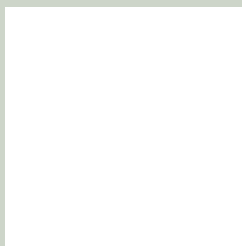
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5137, 64.7847, 64.6263

Background



This preview shows how black text looks on a background with the XYZ color 59.5137, 64.7847, 64.6263.

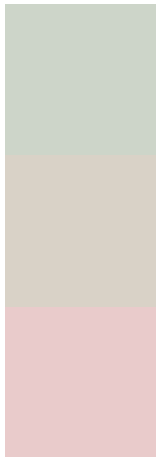


This preview shows how white text looks on a background with the XYZ color 59.5137, 64.7847,

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

59.5137, 64.7847, 64.6263

Protanopia

61.9707, 64.9684, 63.3068

Deuteranopia

65.7397, 64.3473, 65.4553



Tritanopia

62.8224, 64.6472, 81.1186

Trichromacy



Original Color

59.5137, 64.7847, 64.6263

Protanomaly

61.1602, 64.9048, 63.9480

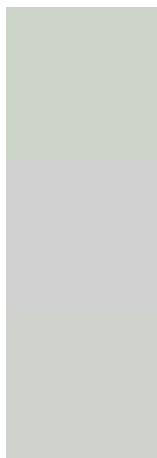
Deuteranomaly

63.4049, 64.5779, 65.0001

Tritanomaly

61.5834, 64.5128, 74.8521

Monochromacy



Original Color

59.5137, 64.7847, 64.6263

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1996, 63.9593, 67.5650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5137, 64.7847, 64.6263 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(205, 213, 201) looks like.

```
.text, #text, p{  
    color:rgb(205, 213, 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(205, 213, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 213, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.5137, 64.7847, 64.6263 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(205, 213, 201) }
```


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

```
.border{ border-color:rgb(205, 213, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 213, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 213, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 213, 201);  
box-shadow:4px 4px 4px 4px rgb(205, 213,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5137, 64.7847, 64.6263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 213, 201) }
```

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

```
.background{ background-color: rgb(205,  
213, 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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