

Converting Colors

XYZ(59.4071, 62.3875, 65.8186)

Have a look what the booklet for
XYZ(59.4071, 62.3875, 65.8186)
contains.

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Color

**XYZ(59.5064, 62.5406,
66.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CFCC
RGB	209, 207, 204
RGB Percent	82%, 81%, 80%
CMY	0.1804, 0.1882, 0.2000
CMYK	0.00, 0.01, 0.02, 0.18
HSL	36°, 5%, 81%
HSV	36°, 2%, 82%
XYZ	59.5064, 62.5406, 66.0620
YIQ	207.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

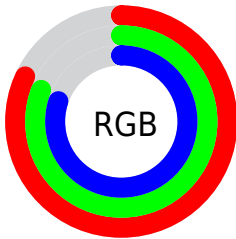
Format	Color
R _Y B	207, 209, 204
Decimal	13750220
CIE Lab	83.20, 0.15, 1.72
CIE LCh	83, 1.727, 84.949
Yxy	62.5406, 0.3163, 0.3325
Android (android.graphics.Color)	4291940300 (0xFFD1CFCC)
YUV	207.2560, -1.6052, 1.5295
Hunter-Lab	79.0826, -4.0807, 5.8297

Details

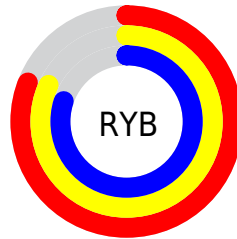
The XYZ color **59.5064, 62.5406, 66.0620** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4818, 61.5826, 69.1267**, and the grayscale version is **59.4837, 62.5815, 68.1513**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4138, 31.9530, 33.4187** is the 20% darker color. If you saturate the color by 10%, you get **55.1981, 57.6695, 53.0772**, and if you desaturate by 10%, it is **64.2616, 67.7654, 80.8569**.

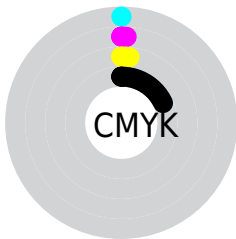
Distribution



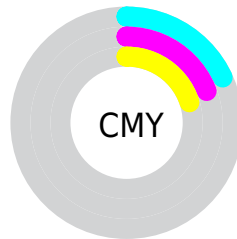
- Red (82%)
- Green (81%)
- Blue (80%)



- Red (81%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5064, 62.5406, 66.0620 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 59.5064, 62.5406, 66.0620 by changing the saturation by 10% instead.

■ 59.5064, 62.5406,
66.0620

■ 59.5064, 62.5406,
66.0620

412.6399,
433.9003, 465.0088

■ 43.2688, 45.4697,
47.8659

103.2237,
108.5065, 115.2032

■ 30.2915, 31.8275,
33.3615

131.4342,
138.1702, 146.9853

■ 20.2092, 21.2298,
22.1301

164.3664,
172.8003, 184.1333

■ 12.6563, 13.2921,
13.7533

202.3856,
212.7812, 227.0656

■ 7.2677, 7.6300,
7.8125

245.8572,
258.4972, 276.2008

■ 3.6779, 3.8591,
3.8892

295.1465,

■ 1.5216, 1.5951,

310.3328, 331.9573

1.5647

350.6190,
368.6724, 394.7538

■ 0.3404, 0.3543,
0.2655

■ 0.0000, 0.0000,
0.0000

■ 59.5064, 62.5406,
66.0620

■ 59.5064, 62.5406,
66.0620

■ 55.1981, 57.6695,
53.0772

■ 64.2616, 67.7654,
80.8569

■ 51.3164, 53.1353,
41.8278

■ 69.4724, 73.3441,
97.5246

■ 47.8472, 48.9319,
32.2399

■ 73.2123, 78.5103,
105.9030

■ 44.7736, 45.0496,
24.2328

■ 75.6177, 83.3213,
106.7049

■ 42.0772, 41.4784,
17.7188

■ 78.1363, 88.3583,
107.5444

■ 39.7382, 38.2073,
12.6015

■ 80.1048, 92.2955,
108.2006

■ 37.7343, 35.2246,
8.7734

■ 36.0402, 32.5170,
6.1108

■ 34.6260, 30.0694,
4.4653

Harmonies

Analogous

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



59.8576, 62.5406, 66.4214



59.5064, 62.5406, 66.0620



59.1397, 62.5406, 66.2429

Triad

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



59.5064, 62.5406, 66.0620



58.7923, 62.5406, 68.9699



60.0345, 62.5406, 69.2876

Complementary

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



59.5064, 62.5406, 66.0620



58.4818, 61.5826, 69.1267

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.



59.7473, 62.5406, 69.9835



59.5064, 62.5406, 66.0620



59.0303, 62.5406, 69.7987

Square

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



59.5064, 62.5406, 66.0620



58.7284, 62.5406, 67.9146



59.3796, 62.5406, 70.1715



60.1633, 62.5406, 68.2779

Rectangle

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



59.5064, 62.5406, 66.0620



58.9356, 62.5406, 66.6466



59.3796, 62.5406, 70.1715



59.9532, 62.5406, 69.5664

Sweetspot

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



59.5082, 62.5433, 66.0634



94.3182, 99.1890, 106.6441



59.0288, 61.1982, 67.0947



20.1957, 21.2391, 22.8500



0.0000, 0.0000, 0.0000



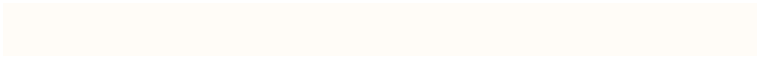
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5082, 62.5433, 66.0634



92.8759, 97.5837, 102.2196



59.8536, 63.4439, 66.2190



12.9294, 13.5800, 14.0899



20.8764, 17.6857, 2.3134



1.2438, 1.1418, 0.1548

Inverse Universe

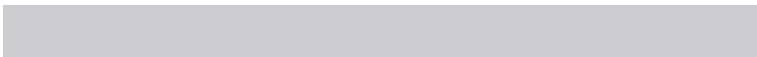
The Inverse Universe completely reimagines the original color for something new.



58.4818, 61.5826, 69.1267



90.8427, 95.6806, 108.2880



58.1415, 60.6983, 68.9739



12.5781, 13.2512, 15.1385



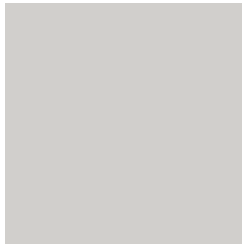
9.1146, 6.8758, 38.0393



0.5864, 0.5379, 2.1525

Previews

White Background



This preview shows how the XYZ color 59.5064, 62.5406, 66.0620 looks on a white background.

Color Contrast Check

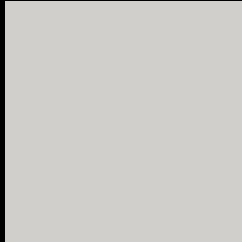
Large Text (above 18pt) WCAG AA × Fail

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 59.5064, 62.5406, 66.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

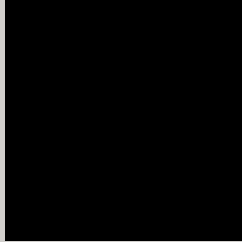
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

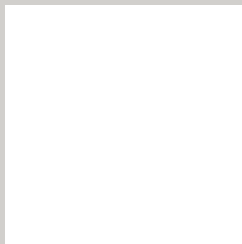
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5064, 62.5406, 66.0620

Background



This preview shows how black text looks on a background with the XYZ color 59.5064, 62.5406, 66.0620.

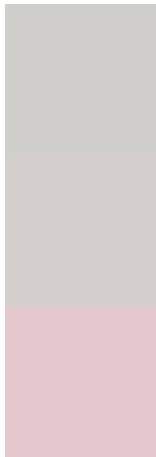


This preview shows how white text looks on a background with the XYZ color 59.5064, 62.5406,

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

59.5064, 62.5406, 66.0620

Protanopia

60.1218, 62.4993, 66.0216

Deuteranopia

63.6686, 62.2103, 66.4097



Tritanopia

61.7954, 62.4032, 77.1947

Trichromacy



Original Color

59.5064, 62.5406, 66.0620

Protanomaly

59.8344, 62.3511, 66.0081

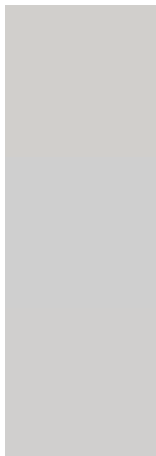
Deuteranomaly

62.1942, 62.4918, 66.5417

Tritanomaly

60.9610, 62.4178, 73.1248

Monochromacy



Original Color

59.5064, 62.5406, 66.0620

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.4658, 62.4918, 67.3205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5064, 62.5406, 66.0620 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(209, 207, 204) looks like.

```
.text, #text, p{  
    color:rgb(209, 207, 204)  
}
```

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(209, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 207, 204) }
```

Border

The CSS property to change the border of an element to XYZ 59.5064, 62.5406, 66.0620 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(209, 207, 204) }
```


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

```
.border{ border-color:rgb(209, 207, 204) }
```

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

Here you see how a box with a 4 pixel rgb(209, 207, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(209, 207,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5064, 62.5406, 66.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 207, 204) }
```

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

```
.background{ background-color: rgb(209,  
207, 204) }
```

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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