

Converting Colors

XYZ(60.0831, 63.6192, 66.1923)

Have a look what the booklet for
XYZ(60.0831, 63.6192, 66.1923)
contains.

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Color

**XYZ(59.9940, 63.5159,
66.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D1CC
RGB	209, 209, 204
RGB Percent	82%, 82%, 80%
CMY	0.1804, 0.1804, 0.2000
CMYK	0.00, 0.00, 0.02, 0.18
HSL	60°, 5%, 81%
HSV	60°, 2%, 82%
XYZ	59.9940, 63.5159, 66.2245
YIQ	208.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

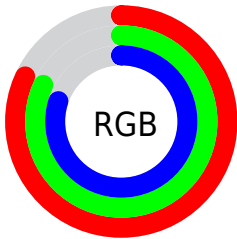
Format	Color
RYB	204, 209, 204
Decimal	13750732
CIELab	83.71, -0.89, 2.47
CIELCh	84, 2.623, 109.928
Yxy	63.5159, 0.3162, 0.3348
Android (android.graphics.Color)	4291940812 (0xFFD1D1CC)
YUV	208.4300, -2.1840, 0.4999
Hunter-Lab	79.6969, -5.0987, 6.5205

Details

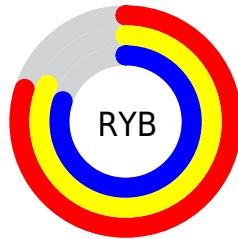
The XYZ color **59.9940, 63.5159, 66.2245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0059, 60.6283, 68.9702**, and the grayscale version is **60.2478, 63.3854, 69.0267**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7439, 32.6133, 33.5288** is the 20% darker color. If you saturate the color by 10%, you get **57.6493, 62.5795, 53.8955**, and if you desaturate by 10%, it is **62.6787, 64.5924, 80.3281**.

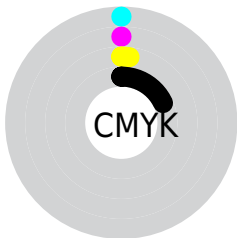
Distribution



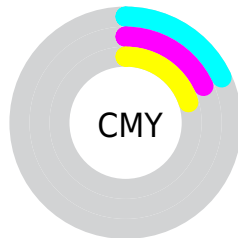
- Red (82%)
- Green (82%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9940, 63.5159, 66.2245 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 59.9940, 63.5159, 66.2245 by changing the saturation by 10% instead.

■ 59.9940, 63.5159,
66.2245

■ 59.9940, 63.5159,
66.2245

414.4108,
437.4394, 465.6055

■ 43.6632, 46.2587,
47.9970

103.9274,
109.9135, 115.4386

■ 30.6026, 32.4500,
33.4646

132.2607,
139.8226, 147.2622

■ 20.4468, 21.7055,
22.2085

165.3255,
174.7178, 184.4551

■ 12.8304, 13.6406,
13.8104

203.4873,
214.9836, 227.4356

■ 7.3880, 7.8711,
7.8517

247.1114,
261.0042, 276.6224

■ 3.7544, 4.0126,
3.9138

296.5631,

■ 1.5642, 1.6806,

313.1641, 332.4339

1.5782

352.2077,
371.8477, 395.2888

■ 0.3689, 0.4111,
0.2752

■ 0.0000, 0.0000,
0.0000

■ 59.9940, 63.5159,
66.2245

■ 59.9940, 63.5159,
66.2245

■ 57.6493, 62.5795,
53.8955

■ 62.6787, 64.5924,
80.3281

■ 55.6260, 61.7696,
43.2668

■ 65.7107, 65.8057,
96.2684

■ 53.9117, 61.0833,
34.2653

■ 67.1614, 66.3866,
103.8819

■ 52.4912, 60.5145,
26.8105

■ 67.1663, 66.3892,
103.8821

■ 51.3478, 60.0566,
20.8156

■ 67.1713, 66.3917,
103.8823

■ 50.4635, 59.7023,
16.1847

■ 67.1763, 66.3943,
103.8825

■ 49.8179, 59.4435,
12.8109

■ 67.1812, 66.3968,
103.8828

■ 49.3877, 59.2708,
10.5710

■ 67.1862, 66.3994,
103.8830

■ 49.1447, 59.1731,
9.3175

■ 67.1911, 66.4019,
103.8832

Harmonies

Analogous

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



60.5635, 63.5159, 66.0878



59.9940, 63.5159, 66.2245



59.5281, 63.5159, 67.1402

Triad

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



59.9940, 63.5159, 66.2245



59.6612, 63.5159, 71.6088



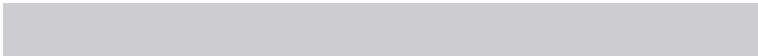
61.4648, 63.5159, 69.7131

Complementary

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



59.9940, 63.5159, 66.2245



58.0059, 60.6283, 68.9702

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.



61.2197, 63.5159, 71.2159



59.9940, 63.5159, 66.2245



60.1769, 63.5159, 72.3218

Square

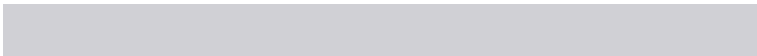
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.9940, 63.5159, 66.2245



59.3368, 63.5159, 70.2426



60.7475, 63.5159, 72.1769



61.4151, 63.5159, 68.0847

Rectangle

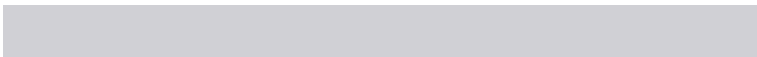
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.9940, 63.5159, 66.2245



59.3377, 63.5159, 68.0773



60.7475, 63.5159, 72.1769



61.4141, 63.5159, 70.2501

Sweetspot

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



59.9958, 63.5186, 66.2259



94.6413, 99.8364, 106.7520



58.7884, 61.1022, 65.8231



20.2614, 21.3708, 22.8720



0.0000, 0.0000, 0.0000



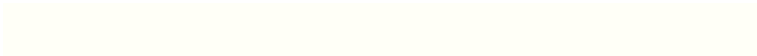
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9958, 63.5186, 66.2259



93.8402, 99.5158, 102.5417



59.2946, 63.1572, 66.1931



13.0965, 13.9148, 14.1458



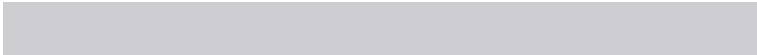
30.2404, 36.4585, 5.4433



1.6912, 2.0387, 0.3044

Inverse Universe

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



58.0059, 60.6283, 68.9702



89.9015, 93.7948, 107.9736



58.6961, 60.9841, 69.0025



12.4160, 12.9263, 15.0843



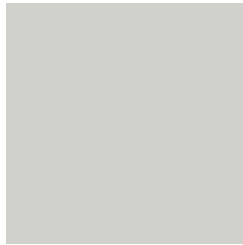
7.0976, 2.8393, 37.3664



0.3972, 0.1589, 2.0893

Previews

White Background



This preview shows how the XYZ color 59.9940, 63.5159, 66.2245 looks on a white background.

Color Contrast Check

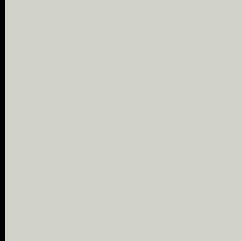
Large Text (above 18pt) WCAG AA × Fail

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 59.9940, 63.5159, 66.2245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

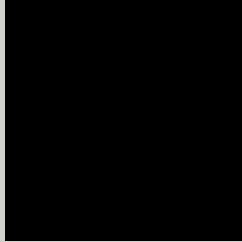
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

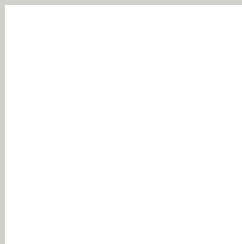
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9940, 63.5159, 66.2245

Background



This preview shows how black text looks on a background with the XYZ color 59.9940, 63.5159, 66.2245.

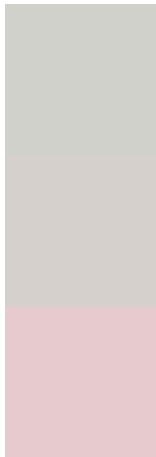


This preview shows how white text looks on a background with the XYZ color 59.9940, 63.5159,

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

59.9940, 63.5159, 66.2245

Protanopia

60.7759, 63.5697, 65.5669

Deuteranopia

64.7731, 63.4718, 66.5950



Tritanopia

62.4075, 63.4136, 78.0581

Trichromacy



Original Color

59.9940, 63.5159, 66.2245

Protanomaly

60.4867, 63.4206, 65.5533

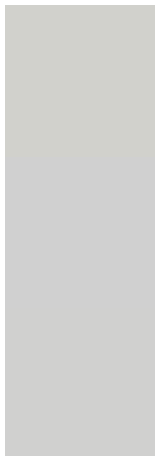
Deuteranomaly

62.9750, 63.6000, 66.7145

Tritanomaly

61.4425, 63.3808, 73.2853

Monochromacy



Original Color

59.9940, 63.5159, 66.2245

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8308, 63.0266, 68.0434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9940, 63.5159, 66.2245 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, 209, 204) looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 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, 209, 204) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 59.9940, 63.5159, 66.2245 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, 209, 204) }
```


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

```
.border{ border-color:rgb(209, 209, 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, 209, 204)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 59.9940, 63.5159, 66.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(209,  
209, 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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