

Converting Colors

XYZ(58.6121, 62.9652, 58.9341)

Have a look what the booklet for
XYZ(58.6121, 62.9652, 58.9341)
contains.

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Color

**XYZ(58.6094, 62.9620,
58.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D1C0
RGB	209, 209, 192
RGB Percent	82%, 82%, 75%
CMY	0.1804, 0.1804, 0.2471
CMYK	0.00, 0.00, 0.08, 0.18
HSL	60°, 16%, 79%
HSV	60°, 8%, 82%
XYZ	58.6094, 62.9620, 58.9330
YIQ	207.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

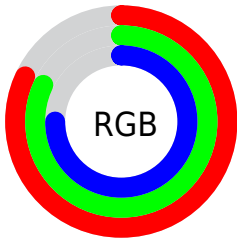
Format	Color
RYB	192, 209, 192
Decimal	13750720
CIELab	83.42, -2.97, 8.43
CIElCh	83, 8.934, 109.392
Yxy	62.9620, 0.3247, 0.3488
Android (android.graphics.Color)	4291940800 (0xFFD1D1C0)
YUV	207.0620, -7.4256, 1.6996
Hunter-Lab	79.3486, -7.0143, 11.5087

Details

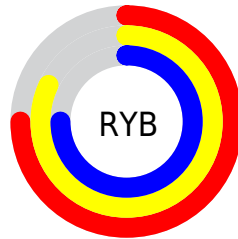
The XYZ color **58.6094, 62.9620, 58.9330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0989, 53.5109, 67.9076**, and the grayscale version is **59.3935, 62.4865, 68.0478**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **29.8991, 32.2753, 29.0800** is the 20% darker color. If you saturate the color by 10%, you get **56.4555, 62.1023, 47.5900**, and if you desaturate by 10%, it is **61.0957, 63.9587, 72.0108**.

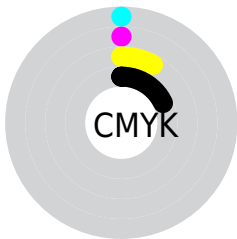
Distribution



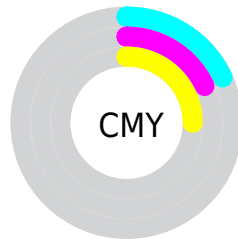
- Red (82%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6094, 62.9620, 58.9330 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 58.6094, 62.9620, 58.9330 by changing the saturation by 10% instead.

■ 58.6094, 62.9620,
58.9330

■ 58.6094, 62.9620,
58.9330

409.3702,
435.4316, 438.3485

■ 42.5439, 45.8105,
42.1395

■ 101.9276,
109.1147, 104.8084

■ 29.7204, 32.0963,
28.8842

129.9111,
138.8846, 134.7275

■ 19.7735, 21.4351,
18.7484

162.5979,
173.6295, 169.8588

■ 12.3378, 13.4424,
11.3136

200.3535,
213.7337, 210.6210

■ 7.0480, 7.7339,
6.1614

243.5432,
259.5816, 257.4325

■ 3.5387, 3.9251,
2.8731

292.5323,

■ 1.4446, 1.6318,

311.5576, 310.7119

1.0302

347.6862,
370.0461, 370.8777

■ 0.2877, 0.3789,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6094, 62.9620,
58.9330

■ 58.6094, 62.9620,
58.9330

■ 56.4555, 62.1023,
47.5900

■ 61.0957, 63.9587,
72.0108

■ 54.6149, 61.3659,
37.9052

■ 63.9222, 65.0895,
86.8878

■ 53.0748, 60.7497,
29.8021

■ 67.1029, 66.3620,
103.6298

■ 51.8190, 60.2473,
23.1968

■ 67.1521, 66.3818,
103.8814

■ 50.8303, 59.8516,
17.9976

■ 67.1535, 66.3825,
103.8815

■ 50.0893, 59.5550,
14.1025

■ 67.1549, 66.3832,
103.8815

■ 49.5740, 59.3488,
11.3963

■ 67.1563, 66.3839,
103.8816

■ 49.2587, 59.2225,
9.7432

■ 67.1577, 66.3847,
103.8817

■ 49.1053, 59.1610,
8.9430

■ 67.1591, 66.3854,
103.8817

Harmonies

Analogous

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



60.5352, 62.9620, 58.5497



58.6094, 62.9620, 58.9330



57.0468, 62.9620, 61.8121

Triad

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



58.6094, 62.9620, 58.9330



57.4403, 62.9620, 77.0187



63.5982, 62.9620, 70.5472

Complementary

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



58.6094, 62.9620, 58.9330



52.0989, 53.5109, 67.9076

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.



62.7301, 62.9620, 75.7710



58.6094, 62.9620, 58.9330



59.1571, 62.9620, 79.6396

Square

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



58.6094, 62.9620, 58.9330



56.3820, 62.9620, 72.1758



61.0948, 62.9620, 79.1710



63.4438, 62.9620, 65.0572

Rectangle

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



58.6094, 62.9620, 58.9330



56.4082, 62.9620, 64.8509



61.0948, 62.9620, 79.1710



63.4155, 62.9620, 72.3974

Sweetspot

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



58.6111, 62.9647, 58.9344



94.2392, 99.6756, 104.6327



54.6605, 55.0619, 57.6172



20.1796, 21.3381, 22.4404



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.



58.6111, 62.9647, 58.9344



91.2106, 98.4640, 88.6934



56.2704, 61.7581, 58.8248



12.8032, 13.7975, 12.6004



30.2620, 36.4696, 5.4444



1.6922, 2.0392, 0.3044

Inverse Universe

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



52.0989, 53.5109, 67.9076



78.6827, 80.2771, 105.9558



54.3133, 54.6524, 68.0113



11.1640, 11.4178, 14.8591



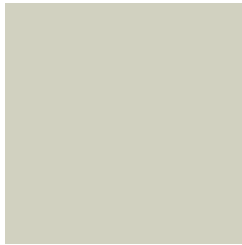
7.0964, 2.8386, 37.3664



0.3969, 0.1588, 2.0893

Previews

White Background



This preview shows how the XYZ color 58.6094, 62.9620, 58.9330 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 58.6094, 62.9620, 58.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

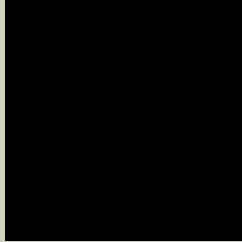
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

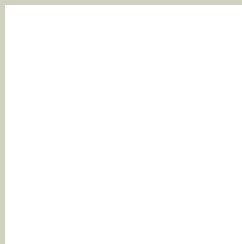
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6094, 62.9620, 58.9330

Background



This preview shows how black text looks on a background with the XYZ color 58.6094, 62.9620, 58.9330.



This preview shows how white text looks on a background with the XYZ color 58.6094, 62.9620,

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

58.6094, 62.9620, 58.9330

Protanopia

59.7411, 62.8343, 58.2698

Deuteranopia

64.2285, 62.9920, 59.8124



Tritanopia

62.3230, 63.0292, 77.2877

Trichromacy



Original Color

58.6094, 62.9620, 58.9330

Protanomaly

59.4004, 63.0195, 58.3235

Deuteranomaly

61.9590, 62.8833, 59.3242

Tritanomaly

60.8555, 62.7928, 69.8856

Monochromacy



Original Color

58.6094, 62.9620, 58.9330

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2290, 62.7859, 64.8743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6094, 62.9620, 58.9330 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, 192) looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 192) }
```

Border

The CSS property to change the border of an element to XYZ 58.6094, 62.9620, 58.9330 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, 192) }
```


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

```
.border{ border-color:rgb(209, 209, 192) }
```

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, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 192);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6094, 62.9620, 58.9330 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, 192) }
```

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

```
.background{ background-color: rgb(209,  
209, 192) }
```

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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