

Converting Colors

XYZ(58.3083, 62.7020, 59.0325)

Have a look what the booklet for
XYZ(58.3083, 62.7020, 59.0325)
contains.

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Color

**XYZ(58.3273, 62.8166,
58.9198)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D1C0
RGB	208, 209, 192
RGB Percent	82%, 82%, 75%
CMY	0.1843, 0.1804, 0.2471
CMYK	0.00, 0.00, 0.08, 0.18
HSL	64°, 16%, 79%
HSV	64°, 8%, 82%
XYZ	58.3273, 62.8166, 58.9198
YIQ	206.7630, 4.8610, -5.4990

Conversions

Conversions Part 2

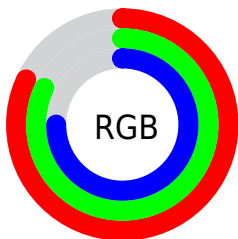
Format	Color
RYB	192, 209, 193
Decimal	13685184
CIELab	83.35, -3.32, 8.31
CIELCh	83, 8.946, 111.784
Yxy	62.8166, 0.3239, 0.3489
Android (android.graphics.Color)	4291875264 (0xFFD0D1C0)
YUV	206.7630, -7.2782, 1.0848
Hunter-Lab	79.2569, -7.3367, 11.4035

Details

The XYZ color **58.3273, 62.8166, 58.9198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3530, 53.6419, 67.9196**, and the grayscale version is **59.2003, 62.2833, 67.8265**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **29.7080, 32.1768, 29.0711** is the 20% darker color. If you saturate the color by 10%, you get **55.8290, 61.7794, 47.5607**, and if you desaturate by 10%, it is **61.1607, 63.9922, 72.0139**.

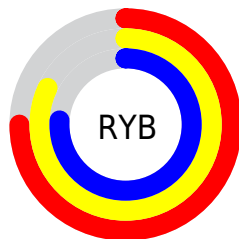
Distribution



Red (82%)

Green (82%)

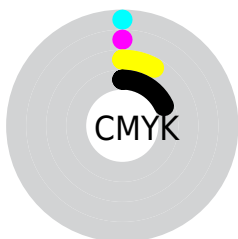
Blue (75%)



Red (75%)

Yellow (82%)

Blue (76%)

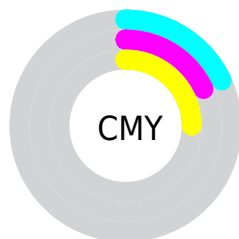


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3273, 62.8166, 58.9198 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 58.3273, 62.8166, 58.9198 by changing the saturation by 10% instead.

■ 58.3273, 62.8166,
58.9198

■ 58.3273, 62.8166,
58.9198

408.3387,
434.9036, 438.2982

■ 42.3161, 45.6929,
42.1290

■ 101.5196,
108.9049, 104.7891

■ 29.5411, 32.0035,
28.8760

129.4313,
138.6382, 134.7046

■ 19.6369, 21.3642,
18.7422

162.0407,
173.3435, 169.8321

■ 12.2381, 13.3905,
11.3093

199.7130,
213.4052, 210.5901

■ 6.9794, 7.6980,
6.1585

242.8136,
259.2076, 257.3972

■ 3.4954, 3.9023,
2.8713

291.7078,

■ 1.4208, 1.6191,

311.1353, 310.6719

1.0293

346.7611,
369.5724, 370.8327

■ 0.2710, 0.3704,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3273, 62.8166,
58.9198

■ 58.3273, 62.8166,
58.9198

■ 55.8290, 61.7794,
47.5607

■ 61.1607, 63.9922,
72.0139

■ 53.6468, 60.8669,
37.8599

■ 64.3369, 65.3033,
86.9072

■ 51.7677, 60.0759,
29.7410

■ 67.8701, 66.7575,
103.6657

■ 50.1757, 59.4001,
23.1199

■ 68.2744, 66.9604,
103.9339

■ 48.8534, 58.8325,
17.9050

■ 68.6337, 67.1456,
103.9508

■ 47.7814, 58.3653,
13.9945

■ 68.9958, 67.3322,
103.9677

■ 46.9379, 57.9898,
11.2729

■ 69.3605, 67.5203,
103.9848

■ 46.2970, 57.6957,
9.6046

■ 69.7281, 67.7098,
104.0020

■ 45.8207, 57.4677,
8.7893

■ 70.0983, 67.9006,
104.0193

Harmonies

Analogous

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



60.2416, 62.8166, 58.3285



58.3273, 62.8166, 58.9198



56.8132, 62.8166, 61.9787

Triad

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



58.3273, 62.8166, 58.9198



57.4202, 62.8166, 77.1671



63.4861, 62.8166, 69.9395

Complementary

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



58.3273, 62.8166, 58.9198



52.3530, 53.6419, 67.9196

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.



62.6939, 62.8166, 75.2429



58.3273, 62.8166, 58.9198



59.1722, 62.8166, 79.5614

Square

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



58.3273, 62.8166, 58.9198



56.2974, 62.8166, 72.4514



61.1048, 62.8166, 78.8387



63.2480, 62.8166, 64.4960

Rectangle

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



58.3273, 62.8166, 58.9198



56.2208, 62.8166, 65.1009



61.1048, 62.8166, 78.8387



63.3308, 62.8166, 71.8017

Sweetspot

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



58.3290, 62.8193, 58.9212



94.1289, 99.6188, 104.6275



54.8478, 55.4363, 57.6796



20.1571, 21.3265, 22.4393



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.



58.3290, 62.8193, 58.9212



90.6609, 98.1806, 88.6677



56.0432, 61.6410, 58.8142



12.7316, 13.7606, 12.5971



28.2296, 35.4219, 5.3492



1.5998, 1.9916, 0.3001

Inverse Universe

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



52.3530, 53.6419, 67.9196



79.1648, 80.5257, 105.9783



54.5418, 54.7702, 68.0220



11.2274, 11.4505, 14.8621



7.2203, 2.9025, 37.3722



0.4269, 0.1743, 2.0907

Previews

White Background



This preview shows how the XYZ color 58.3273, 62.8166, 58.9198 looks on a white background.

Color Contrast Check

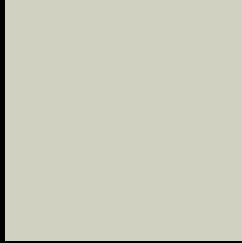
Large Text (above 18pt) WCAG AA × Fail

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 58.3273, 62.8166, 58.9198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

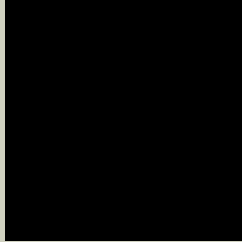
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

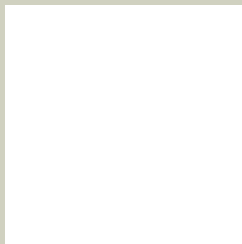
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3273, 62.8166, 58.9198

Background



This preview shows how black text looks on a background with the XYZ color 58.3273, 62.8166, 58.9198.



This preview shows how white text looks on a background with the XYZ color 58.3273, 62.8166,

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

58.3273, 62.8166, 58.9198

Protanopia

59.7411, 62.8343, 58.2698

Deuteranopia

63.9962, 62.5272, 59.7349



Tritanopia

62.0338, 62.8801, 77.2742

Trichromacy



Original Color

58.3273, 62.8166, 58.9198

Protanomaly

59.1112, 62.8704, 58.3099

Deuteranomaly

61.7220, 62.4094, 59.2452

Tritanomaly

60.5681, 62.6446, 69.8721

Monochromacy



Original Color

58.3273, 62.8166, 58.9198

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.9487, 62.6414, 64.8612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3273, 62.8166, 58.9198 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(208, 209, 192) looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 209, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 209, 192) }
```

Border

The CSS property to change the border of an element to XYZ 58.3273, 62.8166, 58.9198 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(208, 209, 192) }
```


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

```
.border{ border-color:rgb(208, 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(208, 209, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 209, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 209, 192);  
box-shadow:4px 4px 4px 4px rgb(208, 209,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3273, 62.8166, 58.9198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 209, 192) }
```

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

```
.background{ background-color: rgb(208,  
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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