

Converting Colors

XYZ(58.3232, 58.8623, 68.9626)

Have a look what the booklet for
XYZ(58.3232, 58.8623, 68.9626)
contains.

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Color

**XYZ(58.4053, 58.7429,
69.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C6D2
RGB	210, 198, 210
RGB Percent	82%, 78%, 82%
CMY	0.1765, 0.2235, 0.1765
CMYK	0.00, 0.06, 0.00, 0.18
HSL	300°, 12%, 80%
HSV	300°, 6%, 82%
XYZ	58.4053, 58.7429, 69.2330
YIQ	202.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

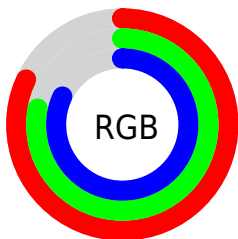
Format	Color
R _Y B	210, 198, 210
Decimal	13813458
CIE Lab	81.15, 6.33, -4.48
CIE LCh	81, 7.758, 324.720
Yxy	58.7429, 0.3134, 0.3152
Android (android.graphics.Color)	4292003538 (0xFFD2C6D2)
YUV	202.9560, 3.4727, 6.1776
Hunter-Lab	76.6439, 1.8963, 0.0937

Details

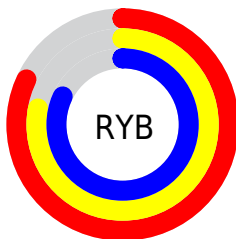
The XYZ color **58.4053, 58.7429, 69.2330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5306, 62.1778, 62.4511**, and the grayscale version is **56.7160, 59.6696, 64.9802**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6843, 29.4147, 35.5656** is the 20% darker color. If you saturate the color by 10%, you get **53.9348, 49.8012, 67.7433**, and if you desaturate by 10%, it is **63.5447, 69.0207, 70.9471**.

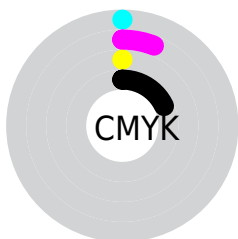
Distribution



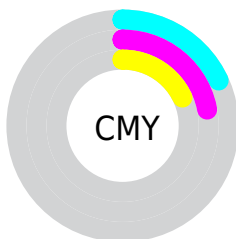
- Red (82%)
- Green (78%)
- Blue (82%)



- Red (82%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4053, 58.7429, 69.2330 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 58.4053, 58.7429, 69.2330 by changing the saturation by 10% instead.

■ 58.4053, 58.7429,
69.2330

■ 58.4053, 58.7429,
69.2330

408.6240,
419.9485, 476.5685

■ 42.3791, 42.4062,
50.4286

101.6324,
103.0039, 119.7851

■ 29.5907, 29.4195,
35.3805

129.5640,
131.6970, 152.3699

■ 19.6746, 19.3984,
23.6702

162.1948,
165.2777, 190.3852

■ 12.2656, 11.9585,
14.8792

199.8902,
204.1303, 234.2496

■ 6.9983, 6.7154,
8.5890

243.0154,
248.6393, 284.3816

■ 3.5074, 3.2848,
4.3809

291.9359,

■ 1.4274, 1.2822,

299.1891, 341.1997

1.8366

347.0170,
356.1640, 405.1225

■ 0.2756, 0.1273,
0.4519

■ 0.0000, 0.0000,
0.0000

■ 58.4053, 58.7429,
69.2330

■ 58.4053, 58.7429,
69.2330

■ 53.9348, 49.8012,
67.7433

■ 63.5447, 69.0207,
70.9471

■ 50.1009, 42.1335,
66.4651

■ 69.3735, 80.6783,
72.8902

■ 46.8762, 35.6842,
65.3900

■ 73.9720, 89.8751,
74.4233

■ 44.2294, 30.3906,
64.5075

■ 73.9720, 89.8752,
74.4236

42.1263, 26.1844,
63.8062

73.9721, 89.8752,
74.4238

40.5291, 22.9902,
63.2736

73.9721, 89.8752,
74.4241

39.3955, 20.7229,
62.8955

73.9722, 89.8752,
74.4243

38.6758, 19.2837,
62.6553

73.9722, 89.8752,
74.4246

38.3091, 18.5504,
62.5329

73.9722, 89.8753,
74.4248

Harmonies

Analogous

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



57.1412, 58.7429, 72.3789



58.4053, 58.7429, 69.2330



58.9810, 58.7429, 64.7824

Triad

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



58.4053, 58.7429, 69.2330



56.1194, 58.7429, 55.5128



53.0615, 58.7429, 67.7503

Complementary

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



58.4053, 58.7429, 69.2330



56.5306, 62.1778, 62.4511

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.



52.7998, 58.7429, 63.1466



58.4053, 58.7429, 69.2330



54.5456, 58.7429, 56.2225

Square

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



58.4053, 58.7429, 69.2330



57.6451, 58.7429, 56.9764



53.3381, 58.7429, 58.9637



54.0600, 58.7429, 71.4944

Rectangle

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



58.4053, 58.7429, 69.2330



58.8890, 58.7429, 61.7291



53.3381, 58.7429, 58.9637



52.8853, 58.7429, 66.2461

Sweetspot

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



58.4070, 58.7454, 69.2343



93.4445, 96.7891, 108.3648



55.1182, 57.0500, 69.0805



20.0178, 20.7505, 23.2001



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.



58.4070, 58.7454, 69.2343



89.6176, 89.1353, 107.0889



57.6734, 58.4520, 65.3714



12.4996, 12.3865, 14.9756



23.3080, 11.1960, 38.1236



1.3032, 0.6260, 2.1316

Inverse Universe

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



58.4070, 58.7454, 69.2343



89.6176, 89.1353, 107.0889



57.2364, 62.4602, 66.1681



12.4996, 12.3865, 14.9756



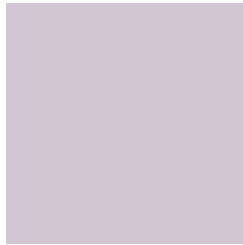
23.3080, 11.1960, 38.1236



1.3032, 0.6260, 2.1316

Previews

White Background



This preview shows how the XYZ color 58.4053, 58.7429, 69.2330 looks on a white background.

Color Contrast Check

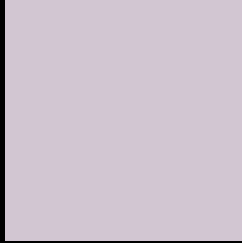
Large Text (above 18pt) WCAG AA × Fail

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 58.4053, 58.7429, 69.2330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

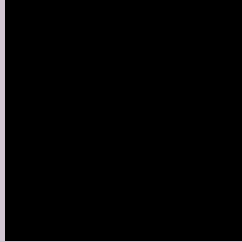
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4053, 58.7429, 69.2330

Background



This preview shows how black text looks on a background with the XYZ color 58.4053, 58.7429, 69.2330.



This preview shows how white text looks on a background with the XYZ color 58.4053, 58.7429,

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

58.4053, 58.7429, 69.2330

Protanopia

56.7693, 58.5683, 69.9408

Deuteranopia

59.9881, 58.8847, 69.1769



Tritanopia

58.7827, 58.8939, 71.2203

Trichromacy



Original Color

58.4053, 58.7429, 69.2330

Protanomaly

57.3581, 58.5291, 69.9022

Deuteranomaly

59.3307, 58.8818, 69.2110

Tritanomaly

58.6561, 58.8433, 70.5537

Monochromacy



Original Color

58.4053, 58.7429, 69.2330

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.4808, 59.3513, 66.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4053, 58.7429, 69.2330 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(210, 198, 210) looks like.

```
.text, #text, p{  
    color:rgb(210, 198, 210)  
}
```

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(210, 198, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 198, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.4053, 58.7429, 69.2330 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(210, 198, 210) }
```


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

```
.border{ border-color:rgb(210, 198, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 198, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 198, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 198, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 198,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4053, 58.7429, 69.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 198, 210) }
```

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

```
.background{ background-color: rgb(210,  
198, 210) }
```

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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