

Converting Colors

XYZ(58.6791, 57.5151, 70.0707)

Have a look what the booklet for
XYZ(58.6791, 57.5151, 70.0707)
contains.

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Color

**XYZ(58.6160, 57.4832,
70.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C2D4
RGB	213, 194, 212
RGB Percent	84%, 76%, 83%
CMY	0.1647, 0.2392, 0.1686
CMYK	0.00, 0.09, 0.00, 0.16
HSL	303°, 18%, 80%
HSV	303°, 9%, 84%
XYZ	58.6160, 57.4832, 70.2933
YIQ	201.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

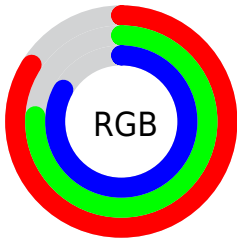
Format	Color
R _Y B	213, 194, 212
Decimal	14009044
CIE Lab	80.45, 9.86, -6.56
CIE LCh	80, 11.842, 326.359
Yxy	57.4832, 0.3145, 0.3084
Android (android.graphics.Color)	4292199124 (0xFFD5C2D4)
YUV	201.7330, 5.0616, 9.8812
Hunter-Lab	75.8177, 5.3206, -1.8975

Details

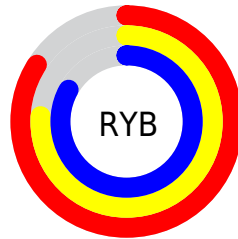
The XYZ color **58.6160, 57.4832, 70.2933** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8949, 62.9995, 60.8469**, and the grayscale version is **55.9411, 58.8544, 64.0925**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **29.5644, 28.4596, 35.8333** is the 20% darker color. If you saturate the color by 10%, you get **54.0708, 48.6176, 68.0834**, and if you desaturate by 10%, it is **63.8450, 67.7131, 72.7373**.

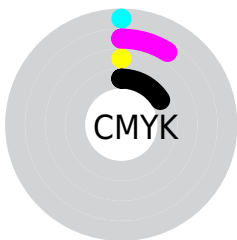
Distribution



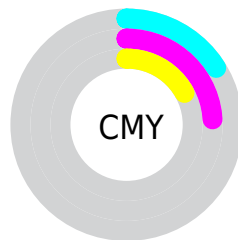
- Red (84%)
- Green (76%)
- Blue (83%)



- Red (84%)
- Yellow (76%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6160, 57.4832, 70.2933 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 58.6160, 57.4832, 70.2933 by changing the saturation by 10% instead.

■ 58.6160, 57.4832,
70.2933

■ 58.6160, 57.4832,
70.2933

409.3943,
415.2575, 480.3961

■ 42.5493, 41.3933,
51.2874

■ 101.9372,
101.1699, 121.3120

■ 29.7246, 28.6265,
36.0591

129.9223,
129.5355, 154.1618

■ 19.7767, 18.7985,
24.1898

162.6110,
162.7618, 192.4634

■ 12.3401, 11.5248,
15.2609

200.3685,
201.2332, 236.6352

■ 7.0496, 6.4210,
8.8541

243.5602,
245.3340, 287.0959

■ 3.5398, 3.1027,
4.5506

292.5516,

■ 1.4452, 1.1856,

295.4488, 344.2639

1.9320

347.7078,
351.9618, 408.5578

■ 0.2881, 0.0499,
0.5130

■ 0.0000, 0.0000,
0.0000

■ 58.6160, 57.4832,
70.2933

■ 58.6160, 57.4832,
70.2933

■ 54.0708, 48.6176,
68.0834

■ 63.8450, 67.7131,
72.7373

■ 50.1756, 41.0512,
66.0944

■ 69.7797, 79.3539,
75.4207

■ 46.9013, 34.7250,
64.3172

■ 75.5136, 90.5914,
78.0421

■ 44.2145, 29.5722,
62.7406

■ 75.6586, 90.6494,
78.8053

42.0787, 25.5201,
61.3525

75.8045, 90.7078,
79.5738

40.4536, 22.4877,
60.1394

75.9514, 90.7665,
80.3474

39.2930, 20.3827,
59.0859

76.0993, 90.8257,
81.1263

38.5427, 19.0967,
58.1740

76.2483, 90.8852,
81.9105

38.1159, 18.4563,
57.3747

76.3982, 90.9452,
82.6999

Harmonies

Analogous

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



56.7354, 57.4832, 75.3516



58.6160, 57.4832, 70.2933



59.4293, 57.4832, 63.4425

Triad

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



58.6160, 57.4832, 70.2933



54.9331, 57.4832, 50.1707



50.5584, 57.4832, 68.7160

Complementary

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



58.6160, 57.4832, 70.2933



55.8949, 62.9995, 60.8469

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.



50.1077, 57.4832, 61.7440



58.6160, 57.4832, 70.2933



52.5892, 57.4832, 51.3563

Square

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



58.6160, 57.4832, 70.2933



57.2637, 57.4832, 52.1042



50.8405, 57.4832, 55.4701



52.0901, 57.4832, 74.3946

Rectangle

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



58.6160, 57.4832, 70.2933



59.2396, 57.4832, 58.8984



50.8405, 57.4832, 55.4701



50.2774, 57.4832, 66.4316

Sweetspot

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



58.6177, 57.4857, 70.2945



92.5931, 95.1899, 107.7615



53.7973, 54.9861, 70.7296



19.6817, 20.1064, 23.0015



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.



58.6177, 57.4857, 70.2945



86.5086, 83.2961, 104.8845



57.4602, 57.0227, 64.1992



12.9235, 12.6209, 15.5373



23.2707, 11.2446, 35.0594



1.4124, 0.6818, 2.1612

Inverse Universe

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



58.6177, 57.4857, 70.2945



86.5086, 83.2961, 104.8845



56.9975, 63.4405, 66.6532



12.9235, 12.6209, 15.5373



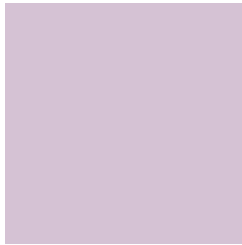
23.2707, 11.2446, 35.0594



1.4124, 0.6818, 2.1612

Previews

White Background



This preview shows how the XYZ color 58.6160, 57.4832, 70.2933 looks on a white background.

Color Contrast Check

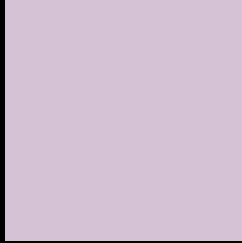
Large Text (above 18pt) WCAG AA × Fail

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 58.6160, 57.4832, 70.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

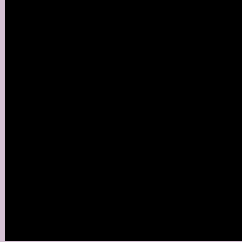
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6160, 57.4832, 70.2933

Background



This preview shows how black text looks on a background with the XYZ color 58.6160, 57.4832, 70.2933.



This preview shows how white text looks on a background with the XYZ color 58.6160, 57.4832,

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

58.6160, 57.4832, 70.2933

Protanopia

56.0130, 57.4366, 72.4241

Deuteranopia

58.6160, 57.4832, 70.2933



Tritanopia

58.3652, 57.3829, 68.9726

Trichromacy



Original Color

58.6160, 57.4832, 70.2933

Protanomaly

57.0057, 57.6249, 71.7365

Deuteranomaly

58.6160, 57.4832, 70.2933

Tritanomaly

58.4902, 57.4329, 69.6309

Monochromacy



Original Color

58.6160, 57.4832, 70.2933

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.0176, 58.4249, 66.6645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6160, 57.4832, 70.2933 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(213, 194, 212)` looks like.

```
.text, #text, p{  
    color:rgb(213, 194, 212)  
}
```

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(213, 194, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 194, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.6160, 57.4832, 70.2933 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(213, 194, 212) }
```


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

```
.border{ border-color:rgb(213, 194, 212) }
```

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

Here you see how a box with a 4 pixel rgb(213, 194, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 194, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 194, 212);  
box-shadow:4px 4px 4px 4px rgb(213, 194,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6160, 57.4832, 70.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 194, 212) }
```

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

```
.background{ background-color: rgb(213,  
194, 212) }
```

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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