

Converting Colors

XYZ(58.1282, 59.2454, 58.8048)

Have a look what the booklet for
XYZ(58.1282, 59.2454, 58.8048)
contains.

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Color

**XYZ(58.0734, 59.1442,
58.8072)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C7C1
RGB	215, 199, 193
RGB Percent	84%, 78%, 76%
CMY	0.1569, 0.2196, 0.2431
CMYK	0.00, 0.07, 0.10, 0.16
HSL	16°, 22%, 80%
HSV	16°, 10%, 84%
XYZ	58.0734, 59.1442, 58.8072
YIQ	203.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

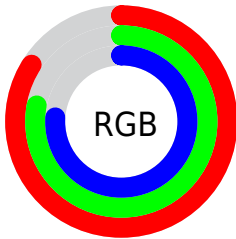
Format	Color
R _Y B	215, 201, 193
Decimal	14141377
CIE Lab	81.37, 4.58, 5.01
CIE LCh	81, 6.782, 47.573
Yxy	59.1442, 0.3299, 0.3360
Android (android.graphics.Color)	4292331457 (0xFFD7C7C1)
YUV	203.1000, -4.9793, 10.4363
Hunter-Lab	76.9053, 0.2063, 8.4964

Details

The XYZ color **58.0734, 59.1442, 58.8072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0583, 61.8435, 73.2203**, and the grayscale version is **56.8542, 59.8150, 65.1386**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **29.3562, 29.6178, 28.9805** is the 20% darker color. If you saturate the color by 10%, you get **52.4337, 51.4276, 45.9420**, and if you desaturate by 10%, it is **64.4347, 67.7445, 73.6345**.

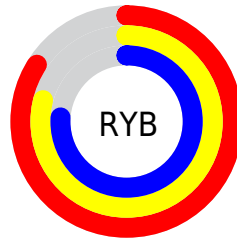
Distribution



Red (84%)

Green (78%)

Blue (76%)



Red (84%)

Yellow (79%)

Blue (76%)

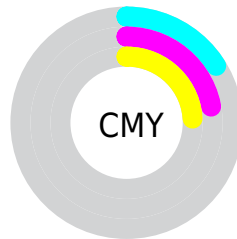


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0734, 59.1442, 58.8072 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 58.0734, 59.1442, 58.8072 by changing the saturation by 10% instead.

■ 58.0734, 59.1442,
58.8072

■ 58.0734, 59.1442,
58.8072

407.4088,
421.4361, 437.8690

■ 42.1112, 42.7292,
42.0389

■ 101.1521,
103.5872, 104.6238

■ 29.3798, 29.6727,
28.8060

128.9992,
132.3840, 134.5091

■ 19.5141, 19.5903,
18.6898

161.5387,
166.0769, 169.6040

■ 12.1485, 12.0976,
11.2718

199.1359,
205.0502, 210.3268

■ 6.9178, 6.8102,
6.1335

242.1562,
249.6884, 257.0962

■ 3.4566, 3.3437,
2.8563

290.9649,

■ 1.3996, 1.3137,

300.3759, 310.3307

1.0217

345.9273,
357.4970, 370.4488

■ 0.2559, 0.1518,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0734, 59.1442,
58.8072

■ 58.0734, 59.1442,
58.8072

■ 52.4337, 51.4276,
45.9420

■ 64.4347, 67.7445,
73.6345

■ 47.4845, 44.5587,
34.9526

■ 71.5373, 77.2476,
90.4979

■ 43.1997, 38.5104,
25.7518

■ 79.0008, 87.5196,
107.3369

■ 39.5497, 33.2513,
18.2438

■ 81.8346, 93.1872,
108.2815

■ 36.5026, 28.7476,
12.3240

■ 34.0231, 24.9634,
7.8758

■ 32.0722, 21.8593,
4.7666

■ 30.6051, 19.3916,
2.8394

■ 29.5720, 17.5419,
1.8273

Harmonies

Analogous

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



58.8530, 59.1442, 62.0702



58.0734, 59.1442, 58.8072



56.8033, 59.1442, 57.0730

Triad

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



58.0734, 59.1442, 58.8072



53.5953, 59.1442, 62.7331



57.0416, 59.1442, 72.1285

Complementary

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



58.0734, 59.1442, 58.8072



57.0583, 61.8435, 73.2203

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.



55.6304, 59.1442, 72.3243



58.0734, 59.1442, 58.8072



53.6567, 59.1442, 66.7832

Square

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



58.0734, 59.1442, 58.8072



54.2272, 59.1442, 59.2749



54.3963, 59.1442, 70.3323



58.2504, 59.1442, 69.8081

Rectangle

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



58.0734, 59.1442, 58.8072



55.8564, 59.1442, 56.9672



54.3963, 59.1442, 70.3323



56.5747, 59.1442, 72.4484

Sweetspot

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



58.0750, 59.1468, 58.8085



92.0937, 96.0193, 101.9589



58.6202, 57.1979, 68.3596



19.5463, 20.3288, 21.4362



0.0000, 0.0000, 0.0000



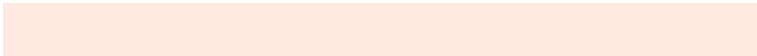
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0750, 59.1468, 58.8085



83.8174, 84.8005, 82.7563



60.6643, 64.3254, 59.6716



12.6963, 12.9668, 12.9944



17.7636, 10.6444, 1.1183



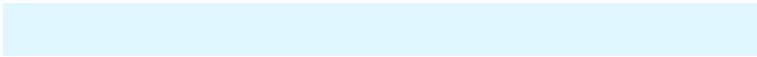
1.1404, 0.7800, 0.0905

Inverse Universe

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



57.0583, 61.8435, 73.2203



82.0681, 89.4383, 107.5456



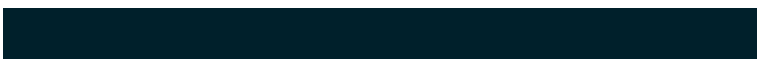
54.4834, 56.6937, 72.3620



12.4923, 13.5080, 15.8864



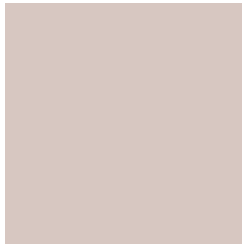
14.5721, 17.4059, 41.0448



0.9462, 1.1843, 2.4980

Previews

White Background



This preview shows how the XYZ color 58.0734, 59.1442, 58.8072 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 58.0734, 59.1442, 58.8072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

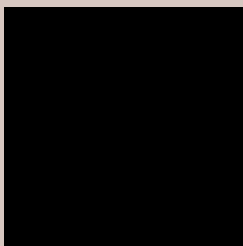
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0734, 59.1442, 58.8072

Background



This preview shows how black text looks on a background with the XYZ color 58.0734, 59.1442, 58.8072.

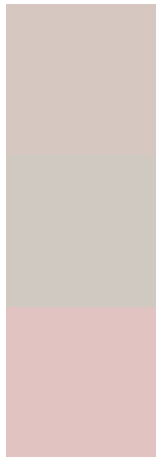


This preview shows how white text looks on a background with the XYZ color 58.0734, 59.1442,

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

58.0734, 59.1442, 58.8072

Protanopia

56.6367, 59.0782, 59.4571

Deuteranopia

60.3040, 58.9328, 59.2357



Tritanopia

60.5370, 59.1387, 70.5116

Trichromacy



Original Color

58.0734, 59.1442, 58.8072

Protanomaly

57.2558, 59.0525, 59.4195

Deuteranomaly

59.2963, 58.7470, 59.2530

Tritanomaly

59.6010, 59.0920, 66.0222

Monochromacy



Original Color

58.0734, 59.1442, 58.8072

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.1615, 59.6300, 62.5298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0734, 59.1442, 58.8072 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(215, 199, 193) looks like.

```
.text, #text, p{  
    color:rgb(215, 199, 193)  
}
```

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(215, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 199, 193) }
```

Border

The CSS property to change the border of an element to XYZ 58.0734, 59.1442, 58.8072 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(215, 199, 193) }
```


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

```
.border{ border-color:rgb(215, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 199,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0734, 59.1442, 58.8072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 199, 193) }
```

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

```
.background{ background-color: rgb(215,  
199, 193) }
```

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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