

Converting Colors

XYZ(59.4131, 58.0745, 62.1903)

Have a look what the booklet for
XYZ(59.4131, 58.0745, 62.1903)
contains.

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Color

**XYZ(59.4194, 58.0792,
62.1115)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC2C7
RGB	221, 194, 199
RGB Percent	87%, 76%, 78%
CMY	0.1333, 0.2392, 0.2196
CMYK	0.00, 0.12, 0.10, 0.13
HSL	349°, 28%, 81%
HSV	349°, 12%, 87%
XYZ	59.4194, 58.0792, 62.1115
YIQ	202.6430, 14.4870, 7.2790

Conversions

Conversions Part 2

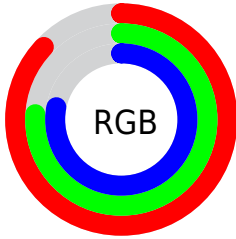
Format	Color
R _Y B	221, 194, 199
Decimal	14533319
CIE Lab	80.78, 10.36, 1.00
CIE LCh	81, 10.411, 5.496
Yxy	58.0792, 0.3308, 0.3234
Android (android.graphics.Color)	4292723399 (0xFFDDC2C7)
YUV	202.6430, -1.7960, 16.0991
Hunter-Lab	76.2097, 5.8064, 5.0250

Details

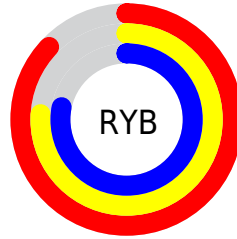
The XYZ color **59.4194, 58.0792, 62.1115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5015, 68.1416, 74.9330**, and the grayscale version is **56.5468, 59.4916, 64.7864**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **30.2148, 28.9075, 30.7753** is the 20% darker color. If you saturate the color by 10%, you get **52.8932, 48.1771, 50.2228**, and if you desaturate by 10%, it is **66.9278, 69.5484, 75.5501**.

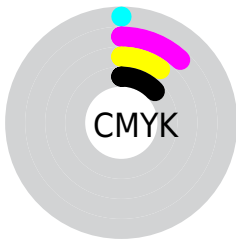
Distribution



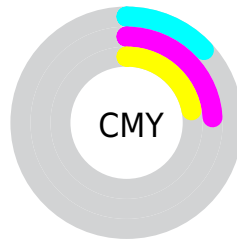
- Red (87%)
- Green (76%)
- Blue (78%)



- Red (87%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4194, 58.0792, 62.1115 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 59.4194, 58.0792, 62.1115 by changing the saturation by 10% instead.

■ 59.4194, 58.0792,
62.1115

■ 59.4194, 58.0792,
62.1115

412.3235,
417.4810, 450.3566

■ 43.1985, 41.8723,
44.6864

□ 103.0981,
102.0382, 109.4598

■ 30.2361, 29.0013,
30.8694

131.2866,
130.5591, 140.2202

■ 20.1668, 19.0818,
20.2418

164.1951,
163.9534, 176.2627

■ 12.6253, 11.7294,
12.3851

202.1888,
202.6057, 218.0059

■ 7.2463, 6.5597,
6.8808

245.6331,
246.9001, 265.8683

■ 3.6643, 3.1883,
3.3103

294.8935,

■ 1.5140, 1.2308,

297.2212, 320.2686

1.2552

350.3351,
353.9534, 381.6251

■ 0.3353, 0.0867,
0.0246

■ 0.0000, 0.0000,
0.0000

■ 59.4194, 58.0792,
62.1115

■ 59.4194, 58.0792,
62.1115

■ 52.8932, 48.1771,
50.2228

■ 66.9278, 69.5484,
75.5501

■ 47.3036, 39.7665,
39.8241

■ 75.4520, 82.6404,
90.5879

■ 42.6085, 32.7772,
30.8574

■ 83.3138, 93.9862,
106.7047

■ 38.7608, 27.1304,
23.2593

■ 83.6291, 94.1123,
108.3655

■ 35.7089, 22.7394,
16.9614

■ 33.3954, 19.5075,
11.8895

■ 31.7550, 17.3236,
7.9615

■ 30.7105, 16.0547,
5.0848

■ 30.2177, 15.5317,
3.4941

Harmonies

Analogous

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



59.0492, 58.0792, 68.2756



59.4194, 58.0792, 62.1115



58.6361, 58.0792, 56.6117

Triad

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



59.4194, 58.0792, 62.1115



52.8374, 58.0792, 54.0831



53.5061, 58.0792, 74.6314

Complementary

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



59.4194, 58.0792, 62.1115



60.5015, 68.1416, 74.9330

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.



51.9057, 58.0792, 70.3630



59.4194, 58.0792, 62.1115



51.5267, 58.0792, 58.4552

Square

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



59.4194, 58.0792, 62.1115



54.8076, 58.0792, 52.1732



51.1901, 58.0792, 64.3788



55.5993, 58.0792, 75.7669

Rectangle

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



59.4194, 58.0792, 62.1115



57.5769, 58.0792, 53.9773



51.1901, 58.0792, 64.3788



52.8944, 58.0792, 73.5024

Sweetspot

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



59.4210, 58.0818, 62.1127



90.5723, 93.1400, 100.9474



60.5457, 58.3447, 76.4780



19.2114, 19.6684, 21.2954



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.



59.4210, 58.0818, 62.1127



79.4198, 76.1295, 80.9081



60.7023, 61.5575, 59.7244



13.1540, 13.0907, 14.0721



17.5841, 9.0347, 2.1901



1.1688, 0.5971, 0.2976

Inverse Universe

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



59.4210, 58.0818, 62.1127



79.4198, 76.1295, 80.9081



59.0704, 64.2299, 77.6917



13.1540, 13.0907, 14.0721



17.5841, 9.0347, 2.1901



1.1688, 0.5971, 0.2976

Previews

White Background



This preview shows how the XYZ color 59.4194, 58.0792, 62.1115 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 59.4194, 58.0792, 62.1115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

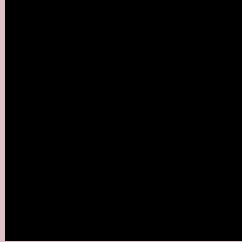
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4194, 58.0792, 62.1115

Background



This preview shows how black text looks on a background with the XYZ color 59.4194, 58.0792, 62.1115.



This preview shows how white text looks on a background with the XYZ color 59.4194, 58.0792,

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

59.4194, 58.0792, 62.1115

Protanopia

56.2168, 58.4102, 64.1885

Deuteranopia

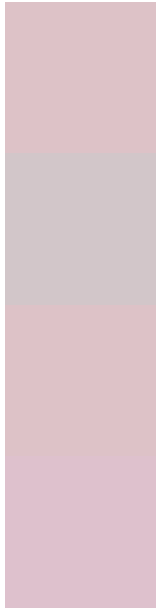
59.4194, 58.0792, 62.1115



Tritanopia

60.5793, 58.2236, 67.7199

Trichromacy



Original Color

59.4194, 58.0792, 62.1115

Protanomaly

57.3150, 58.3069, 63.4919

Deuteranomaly

59.4194, 58.0792, 62.1115

Tritanomaly

60.2136, 58.0773, 65.7940

Monochromacy



Original Color

59.4194, 58.0792, 62.1115

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.8933, 59.2745, 64.2669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4194, 58.0792, 62.1115 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(221, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(221, 194, 199)  
}
```

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(221, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 194, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.4194, 58.0792, 62.1115 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(221, 194, 199) }
```


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

```
.border{ border-color:rgb(221, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(221, 194,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4194, 58.0792, 62.1115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 194, 199) }
```

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

```
.background{ background-color: rgb(221,  
194, 199) }
```

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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