

Converting Colors

XYZ(58.7858, 59.6717, 51.5995)

Have a look what the booklet for
XYZ(58.7858, 59.6717, 51.5995)
contains.

XYZ(58.7858, 59.6717, 51.5995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.7858, 59.6717,
51.5995)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC7B4
RGB	222, 199, 180
RGB Percent	87%, 78%, 71%
CMY	0.1294, 0.2196, 0.2941
CMYK	0.00, 0.10, 0.19, 0.13
HSL	27°, 39%, 79%
HSV	27°, 19%, 87%
XYZ	58.7858, 59.6717, 51.5995
YIQ	203.7110, 19.8070, -1.0330

Conversions

Conversions Part 2

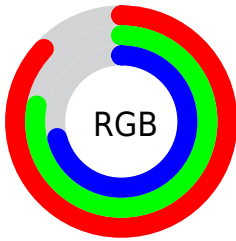
Format	Color
R _Y B	222, 215, 180
Decimal	14600116
CIE Lab	81.66, 5.06, 12.45
CIE LCh	82, 13.439, 67.885
Yxy	59.6717, 0.3457, 0.3509
Android (android.graphics.Color)	4292790196 (0xFFDEC7B4)
YUV	203.7110, -11.6895, 16.0395
Hunter-Lab	77.2475, 0.6566, 14.4689

Details

The XYZ color **58.7858, 59.6717, 51.5995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3628, 57.6877, 77.4299**, and the grayscale version is **57.2761, 60.2589, 65.6219**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **29.8925, 29.9986, 24.2935** is the 20% darker color. If you saturate the color by 10%, you get **54.0175, 53.4687, 39.7317**, and if you desaturate by 10%, it is **64.1430, 66.4717, 65.4520**.

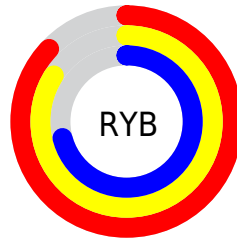
Distribution



Red (87%)

Green (78%)

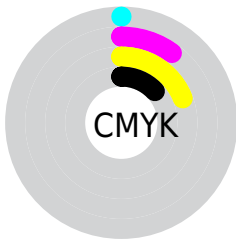
Blue (71%)



Red (87%)

Yellow (84%)

Blue (71%)

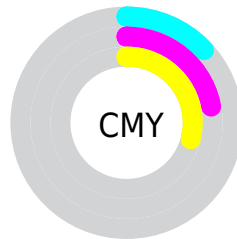


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (22%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7858, 59.6717, 51.5995 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 58.7858, 59.6717, 51.5995 by changing the saturation by 10% instead.


 58.7858, 59.6717,
51.5995

 58.7858, 59.6717,
51.5995


410.0145,
423.3866, 409.8014

 42.6864, 43.1541,
36.3059

 102.1827,
104.3533, 93.9609

 29.8326, 30.0060,
24.3790


130.2109,
133.2860, 121.8657

 19.8590, 19.8432,
15.4002


162.9461,
167.1259, 154.8114

 12.4003, 12.2811,
8.9510

200.7537,
206.2574, 193.2165

 7.0910, 6.9354,
4.6129

243.9989,
251.0648, 237.4995

 3.5659, 3.4217,
1.9672

293.0473,

 1.4596, 1.3557,

301.9325, 288.0789

0.5350

348.2640,
359.2450, 345.3734

■ 0.2981, 0.1837,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7858, 59.6717,
51.5995

■ 58.7858, 59.6717,
51.5995

■ 54.0175, 53.4687,
39.7317

■ 64.1430, 66.4717,
65.4520

■ 49.8108, 47.8376,
29.7526

■ 70.1054, 73.8772,
81.3718

■ 46.1435, 42.7626,
21.5635

■ 76.6945, 81.9067,
99.4412

■ 42.9894, 38.2246,
15.0554

■ 81.6265, 89.6540,
107.6105

■ 40.3202, 34.2027,
10.1071

■ 83.9343, 94.2697,
108.3798

■ 38.1040, 30.6745,
6.5808

■ 36.3040, 27.6151,
4.3141

■ 34.8660, 24.9918,
3.0552

■ 34.7250, 24.7309,
2.9433

Harmonies

Analogous

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



61.1122, 59.6717, 55.8799



58.7858, 59.6717, 51.5995



55.9742, 59.6717, 50.7488

Triad

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



58.7858, 59.6717, 51.5995



51.5039, 59.6717, 67.1299



60.1176, 59.6717, 78.0401

Complementary

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



58.7858, 59.6717, 51.5995



53.3628, 57.6877, 77.4299

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.



57.4646, 59.6717, 81.6323



58.7858, 59.6717, 51.5995



52.5361, 59.6717, 75.0012

Square

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



58.7858, 59.6717, 51.5995



51.8312, 59.6717, 59.2899



54.6957, 59.6717, 80.4765



61.8988, 59.6717, 71.0067

Rectangle

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



58.7858, 59.6717, 51.5995



54.2134, 59.6717, 52.1691



54.6957, 59.6717, 80.4765



59.2948, 59.6717, 79.7156

Sweetspot

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



58.7874, 59.6744, 51.6008



90.0692, 93.8246, 95.5674



57.2375, 52.4894, 63.6778



19.1665, 19.9424, 20.1583



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.



58.7874, 59.6744, 51.6008



77.6015, 77.9771, 63.3947



63.9298, 69.9592, 53.3149



14.2155, 14.7169, 14.3982



20.7337, 14.9053, 1.7842



1.5257, 1.2103, 0.1532

Inverse Universe

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



53.3628, 57.6877, 77.4299



68.7767, 74.7440, 105.4099



48.7564, 48.4750, 75.8944



13.5709, 14.4809, 17.4675



12.0451, 11.5597, 42.6448



0.9240, 0.9795, 2.9856

Previews

White Background



This preview shows how the XYZ color 58.7858, 59.6717, 51.5995 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 58.7858, 59.6717, 51.5995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

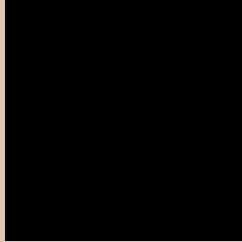
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7858, 59.6717, 51.5995

Background



This preview shows how black text looks on a background with the XYZ color 58.7858, 59.6717, 51.5995.



This preview shows how white text looks on a background with the XYZ color 58.7858, 59.6717,

51.5995.

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

58.7858, 59.6717, 51.5995

Protanopia

56.7154, 59.6155, 52.7737

Deuteranopia

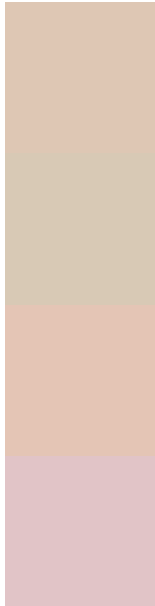
61.0354, 59.8050, 52.0427



Tritanopia

62.5120, 59.8521, 69.2306

Trichromacy



Original Color

58.7858, 59.6717, 51.5995

Protanomaly

57.5460, 59.7084, 52.2079

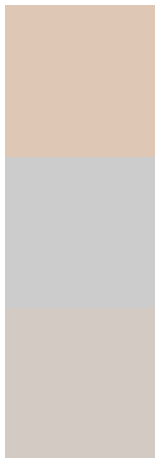
Deuteranomaly

60.3017, 59.7627, 52.0732

Tritanomaly

61.1001, 59.6109, 62.3186

Monochromacy



Original Color

58.7858, 59.6717, 51.5995

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.8348, 60.0301, 60.1685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7858, 59.6717, 51.5995 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(222, 199, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 199, 180)  
}
```

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(222, 199, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 199, 180) }
```

Border

The CSS property to change the border of an element to XYZ 58.7858, 59.6717, 51.5995 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(222, 199, 180) }
```


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

```
.border{ border-color:rgb(222, 199, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 199, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 199, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 199, 180); box-shadow:4px 4px 4px 4px rgb(222, 199, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7858, 59.6717, 51.5995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 199, 180) }
```

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

```
.background{ background-color: rgb(222,  
199, 180) }
```

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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