

Converting Colors

XYZ(58.4381, 57.7674, 50.5674)

Have a look what the booklet for
XYZ(58.4381, 57.7674, 50.5674)
contains.

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Color

**XYZ(58.4798, 57.8458,
50.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C2B3
RGB	225, 194, 179
RGB Percent	88%, 76%, 70%
CMY	0.1176, 0.2392, 0.2980
CMYK	0.00, 0.14, 0.20, 0.12
HSL	20°, 43%, 79%
HSV	20°, 20%, 88%
XYZ	58.4798, 57.8458, 50.7310
YIQ	201.5590, 23.2910, 1.9070

Conversions

Conversions Part 2

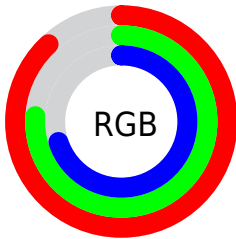
Format	Color
R_{YB}	225, 201, 179
Decimal	14795443
CIE _{Lab}	80.65, 8.66, 11.59
CIE _{LCh}	81, 14.470, 53.254
Yxy	57.8458, 0.3501, 0.3463
Android (android.graphics.Color)	4292985523 (0xFFE1C2B3)
YUV	201.5590, -11.1216, 20.5578
Hunter-Lab	76.0564, 4.1499, 13.6920

Details

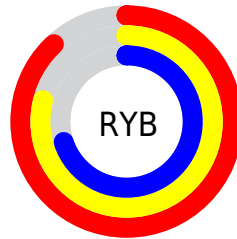
The XYZ color **58.4798, 57.8458, 50.7310** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.2272, 61.1116, 80.1195**, and the grayscale version is **55.9225, 58.8348, 64.0711**.

A 20% lighter version of the original color is **90.7326, 96.2525, 92.3937**, and **29.5062, 28.6975, 23.7227** is the 20% darker color. If you saturate the color by 10%, you get **53.1838, 50.6029, 38.6399**, and if you desaturate by 10%, it is **64.4946, 65.9310, 64.8949**.

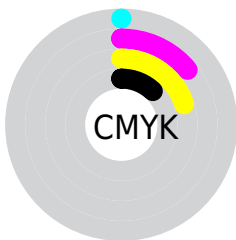
Distribution



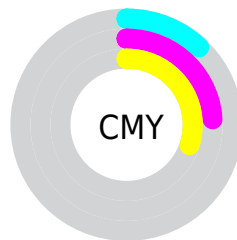
- Red (88%)
- Green (76%)
- Blue (70%)



- Red (88%)
- Yellow (79%)
- Blue (70%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (12%)





- Cyan (12%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4798, 57.8458, 50.7310 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 58.4798, 57.8458, 50.7310 by changing the saturation by 10% instead.


 58.4798, 57.8458,
50.7310

 58.4798, 57.8458,
50.7310


408.8965,
416.6111, 406.3344

 42.4393, 41.6847,
35.6193


 101.7402,
101.6983, 92.6644

 29.6380, 28.8545,
23.8530


129.6907,
130.1584, 120.3233

 19.7107, 18.9708,
15.0134

162.3420,
163.4871, 153.0016

 12.2920, 11.6492,
8.6821

200.0593,
202.0686, 191.1180

 7.0165, 6.5053,
4.4404

243.2081,
246.2873, 235.0909

 3.5188, 3.1547,
1.8699

292.1537,

 1.4337, 1.2130,

296.5277, 285.3389

0.4735

347.2613,
353.1742, 342.2806

■ 0.2800, 0.0723,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4798, 57.8458,
50.7310

■ 58.4798, 57.8458,
50.7310

■ 53.1838, 50.6029,
38.6399

■ 64.4946, 65.9310,
64.8949

■ 48.5736, 44.1667,
28.5197

■ 71.2500, 74.8770,
81.2196

■ 44.6205, 38.5106,
20.2656

■ 78.7729, 84.7117,
99.7923

■ 41.2919, 33.6032,
13.7612

■ 84.7497, 94.5241,
108.3859

■ 38.5518, 29.4111,
8.8771

■ 84.8615, 94.7476,
108.4232

■ 36.3604, 25.8979,
5.4654

■ 34.6713, 23.0232,
3.3506

■ 33.4598, 20.8243,
2.2560

Harmonies

Analogous

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



60.4139, 57.8458, 56.7262



58.4798, 57.8458, 50.7310



55.6564, 57.8458, 48.0555

Triad

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



58.4798, 57.8458, 50.7310



49.4855, 57.8458, 61.0765



57.2736, 57.8458, 79.2929

Complementary

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



58.4798, 57.8458, 50.7310



55.2272, 61.1116, 80.1195

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.



54.3105, 57.8458, 80.7229



58.4798, 57.8458, 50.7310



49.8834, 57.8458, 69.6863

Square

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



58.4798, 57.8458, 50.7310



50.5168, 57.8458, 53.6695



51.6240, 57.8458, 77.0669



59.7001, 57.8458, 73.3188

Rectangle

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



58.4798, 57.8458, 50.7310



53.6777, 57.8458, 48.3261



51.6240, 57.8458, 77.0669



56.3046, 57.8458, 80.3419

Sweetspot

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



58.4814, 57.8484, 50.7322



89.4825, 92.6512, 95.3718



58.8589, 52.9233, 68.3698



19.0280, 19.6654, 20.1122



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.



58.4814, 57.8484, 50.7322



74.2260, 72.1416, 59.4472



63.8898, 68.6653, 52.5350



14.0705, 14.4270, 14.3499



19.3758, 12.1894, 1.3316



1.4227, 1.0042, 0.1188

Inverse Universe

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



55.2272, 61.1116, 80.1195



69.0803, 77.2918, 105.8856



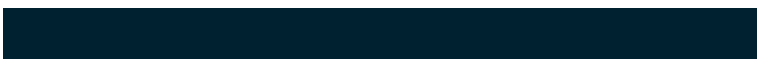
50.0441, 50.7455, 78.3918



13.7201, 14.7793, 17.5172



14.3759, 16.2214, 43.4217



1.0769, 1.2853, 3.0366

Previews

White Background



This preview shows how the XYZ color 58.4798, 57.8458, 50.7310 looks on a white background.

Color Contrast Check

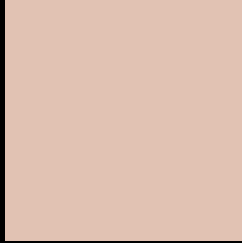
Large Text (above 18pt) WCAG AA × Fail

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 58.4798, 57.8458, 50.7310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

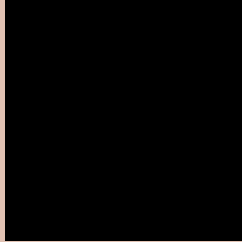
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4798, 57.8458, 50.7310

Background



This preview shows how black text looks on a background with the XYZ color 58.4798, 57.8458, 50.7310.



This preview shows how white text looks on a background with the XYZ color 58.4798, 57.8458,

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

58.4798, 57.8458, 50.7310

Protanopia

55.1102, 58.0958, 52.5650

Deuteranopia

58.8852, 57.7255, 50.6864



Tritanopia

61.4278, 57.7287, 65.6628

Trichromacy



Original Color

58.4798, 57.8458, 50.7310

Protanomaly

56.2661, 58.0205, 51.9496

Deuteranomaly

58.5707, 57.5634, 50.6717

Tritanomaly

60.2732, 57.5780, 60.1615

Monochromacy



Original Color

58.4798, 57.8458, 50.7310

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.7394, 58.4435, 59.3292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4798, 57.8458, 50.7310 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(225, 194, 179)` looks like.

```
.text, #text, p{  
    color:rgb(225, 194, 179)  
}
```

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(225, 194, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 194, 179) }
```

Border

The CSS property to change the border of an element to XYZ 58.4798, 57.8458, 50.7310 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(225, 194, 179) }
```


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

```
.border{ border-color:rgb(225, 194, 179) }
```

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

Here you see how a box with a 4 pixel rgb(225, 194, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 194, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 194, 179);  
box-shadow:4px 4px 4px 4px rgb(225, 194,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4798, 57.8458, 50.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 194, 179) }
```

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

```
.background{ background-color: rgb(225,  
194, 179) }
```

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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