

Converting Colors

XYZ(58.5813, 57.8864, 51.2656)

Have a look what the booklet for
XYZ(58.5813, 57.8864, 51.2656)
contains.

XYZ(58.5813, 57.8864, 51.2656)	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(58.5813, 57.8864,
51.2656)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C2B4
RGB	225, 194, 180
RGB Percent	88%, 76%, 71%
CMY	0.1176, 0.2392, 0.2941
CMYK	0.00, 0.14, 0.20, 0.12
HSL	19°, 43%, 79%
HSV	19°, 20%, 88%
XYZ	58.5813, 57.8864, 51.2656
YIQ	201.6730, 22.9700, 2.2180

Conversions

Conversions Part 2

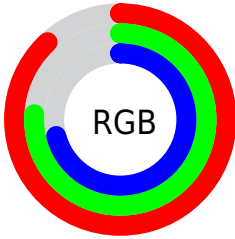
Format	Color
R_{YB}	225, 200, 180
Decimal	14795444
CIE _{Lab}	80.68, 8.81, 11.09
CIE _{LCh}	81, 14.161, 51.553
Yxy	57.8864, 0.3493, 0.3451
Android (android.graphics.Color)	4292985524 (0xFFE1C2B4)
YUV	201.6730, -10.6848, 20.4578
Hunter-Lab	76.0831, 4.2932, 13.3080

Details

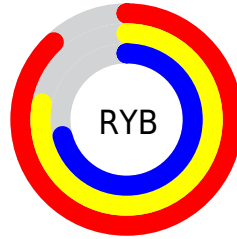
The XYZ color **58.5813, 57.8864, 51.2656** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.7067, 61.7264, 80.2128**, and the grayscale version is **55.9910, 58.9069, 64.1496**.

A 20% lighter version of the original color is **90.8775, 96.3105, 93.1569**, and **29.5710, 28.7235, 24.0643** is the 20% darker color. If you saturate the color by 10%, you get **53.2018, 50.5023, 39.0671**, and if you desaturate by 10%, it is **64.6958, 66.1440, 65.5461**.

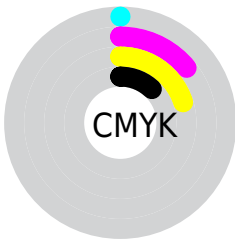
Distribution



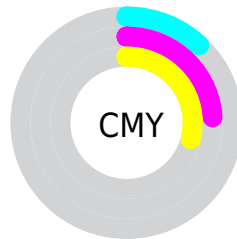
- Red (88%)
- Green (76%)
- Blue (71%)



- Red (88%)
- Yellow (78%)
- Blue (71%)



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





- Cyan (12%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5813, 57.8864, 51.2656 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 58.5813, 57.8864, 51.2656 by changing the saturation by 10% instead.


 58.5813, 57.8864,
51.2656

 58.5813, 57.8864,
51.2656


409.2675,
416.7625, 408.4708

 42.5212, 41.7173,
36.0418


 101.8870,
101.7574, 93.4628

 29.7025, 28.8800,
24.1766


129.8633,
130.2281, 121.2733

 19.7599, 18.9901,
15.2512


162.5425,
163.5682, 154.1164

 12.3279, 11.6631,
8.8473

200.2897,
202.1620, 192.4107

 7.0412, 6.5147,
4.5463

243.4705,
246.3940, 236.5748

 3.5344, 3.1605,
1.9296

292.4502,

 1.4423, 1.2161,

296.6484, 287.0271

0.5114

347.5941,
353.3098, 344.1863

■ 0.2860, 0.0748,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5813, 57.8864,
51.2656

■ 58.5813, 57.8864,
51.2656

■ 53.2018, 50.5023,
39.0671

■ 64.6958, 66.1440,
65.5461

■ 48.5237, 43.9549,
28.8488

■ 71.5678, 75.2950,
81.9966

■ 44.5176, 38.2158,
20.5060

■ 79.2247, 85.3684,
100.7042

■ 41.1502, 33.2523,
13.9226

■ 84.8615, 94.7476,
108.4232

■ 38.3848, 29.0291,
8.9694

■ 36.1807, 25.5081,
5.4994

■ 34.4908, 22.6468,
3.3381

■ 33.2431, 20.3908,
2.1838

■ 33.2430, 20.3907,
2.1837

Harmonies

Analogous

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



60.4030, 57.8864, 57.3093



58.5813, 57.8864, 51.2656



55.8474, 57.8864, 48.4362

Triad

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



58.5813, 57.8864, 51.2656



49.6553, 57.8864, 60.6980



57.1057, 57.8864, 79.1814

Complementary

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



58.5813, 57.8864, 51.2656



55.7067, 61.7264, 80.2128

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.



54.1994, 57.8864, 80.2915



58.5813, 57.8864, 51.2656



49.9654, 57.8864, 69.1160

Square

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



58.5813, 57.8864, 51.2656



50.7421, 57.8864, 53.5581



51.6047, 57.8864, 76.4656



59.5303, 57.8864, 73.5542

Rectangle

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



58.5813, 57.8864, 51.2656



53.9035, 57.8864, 48.5631



51.6047, 57.8864, 76.4656



56.1503, 57.8864, 80.1139

Sweetspot

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



58.5829, 57.8890, 51.2668



89.4134, 92.5129, 95.3488



59.1938, 53.3790, 69.1410



19.0117, 19.6328, 20.1067



0.0000, 0.0000, 0.0000



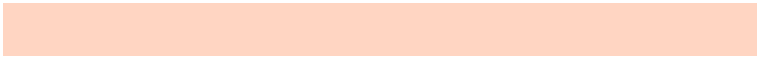
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5829, 57.8890, 51.2668



74.7107, 72.6572, 61.0078



63.8459, 68.4150, 53.0211



14.0535, 14.3929, 14.3442



19.2479, 11.9337, 1.2890



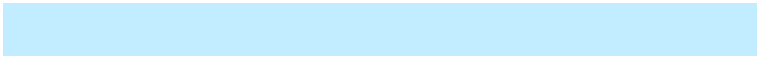
1.4122, 0.9832, 0.1154

Inverse Universe

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



55.7067, 61.7264, 80.2128



70.2290, 78.6273, 106.0829



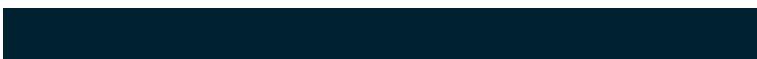
50.6112, 51.5354, 78.5143



13.7379, 14.8150, 17.5232



14.6923, 16.8542, 43.5272



1.0971, 1.3256, 3.0433

Previews

White Background



This preview shows how the XYZ color 58.5813, 57.8864, 51.2656 looks on a white background.

Color Contrast Check

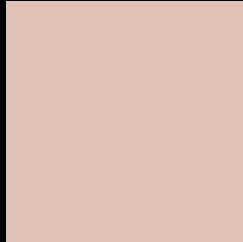
Large Text (above 18pt) WCAG AA × Fail

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 58.5813, 57.8864, 51.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

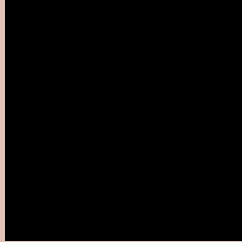
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5813, 57.8864, 51.2656

Background



This preview shows how black text looks on a background with the XYZ color 58.5813, 57.8864, 51.2656.



This preview shows how white text looks on a background with the XYZ color 58.5813, 57.8864,

51.2656.

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

58.5813, 57.8864, 51.2656

Protanopia

55.2139, 58.1373, 53.1113

Deuteranopia

58.9867, 57.7661, 51.2211



Tritanopia

61.4278, 57.7287, 65.6628

Trichromacy



Original Color

58.5813, 57.8864, 51.2656

Protanomaly

56.3691, 58.0617, 52.4920

Deuteranomaly

58.6722, 57.6040, 51.2063

Tritanomaly

60.2732, 57.5780, 60.1615

Monochromacy



Original Color

58.5813, 57.8864, 51.2656

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 58.5813, 57.8864, 51.2656 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(225, 194, 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(225, 194, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 194, 180) }
```

Border

The CSS property to change the border of an element to XYZ 58.5813, 57.8864, 51.2656 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, 180) }
```


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

```
.border{ border-color:rgb(225, 194, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 194, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 194, 180);  
box-shadow:4px 4px 4px 4px rgb(225, 194,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5813, 57.8864, 51.2656 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, 180) }
```

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

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