

Converting Colors

XYZ(58.8460, 52.6516, 53.5156)

Have a look what the booklet for
XYZ(58.8460, 52.6516, 53.5156)
contains.

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Color

**XYZ(58.8460, 52.6516,
53.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB1BA
RGB	235, 177, 186
RGB Percent	92%, 69%, 73%
CMY	0.0784, 0.3059, 0.2706
CMYK	0.00, 0.25, 0.21, 0.08
HSL	351°, 59%, 81%
HSV	351°, 25%, 92%
XYZ	58.8460, 52.6516, 53.5156
YIQ	195.3680, 31.6790, 15.0950

Conversions

Conversions Part 2

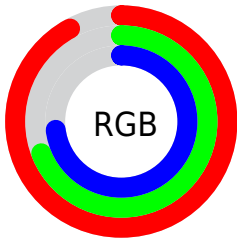
Format	Color
R _Y B	235, 177, 186
Decimal	15446458
CIE Lab	77.67, 22.41, 3.66
CIE LCh	78, 22.703, 9.285
Yxy	52.6516, 0.3566, 0.3191
Android (android.graphics.Color)	4293636538 (0xFFEBB1BA)
YUV	195.3680, -4.6184, 34.7573
Hunter-Lab	72.5614, 17.7778, 7.0654

Details

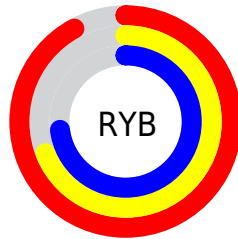
The XYZ color **58.8460, 52.6516, 53.5156** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.5694, 74.2560, 83.0430**, and the grayscale version is **52.1059, 54.8194, 59.6984**.

A 20% lighter version of the original color is **86.4059, 85.9486, 96.0401**, and **29.8014, 25.5737, 25.5558** is the 20% darker color. If you saturate the color by 10%, you get **52.6317, 43.3692, 41.7438**, and if you desaturate by 10%, it is **66.1559, 63.6547, 67.1008**.

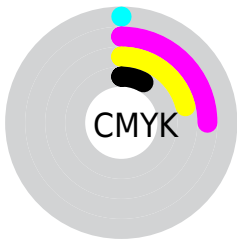
Distribution



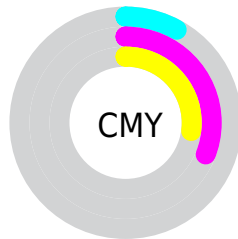
- Red (92%)
- Green (69%)
- Blue (73%)



- Red (92%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (8%)





- Cyan (8%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8460, 52.6516, 53.5156 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 58.8460, 52.6516, 53.5156 by changing the saturation by 10% instead.


 58.8460, 52.6516,
53.5156

 58.8460, 52.6516,
53.5156


410.2342,
396.9470, 417.3824

 42.7351, 37.5247,
37.8240


 102.2697, 94.0915,
96.8119

 29.8709, 25.6140,
25.5453


130.3132,
121.1733, 125.2536

 19.8882, 16.5351,
16.2611


163.0649,
153.0089, 158.7824

 12.4216, 9.9036,
9.5528

200.8902,
189.9826, 197.8169

 7.1057, 5.3351,
5.0017

244.1544,
232.4789, 242.7757

 3.5752, 2.4452,
2.1895

293.2229,

 1.4648, 0.8490,

280.8821, 294.0771

0.6683

348.4611,
335.5767, 352.1399

■ 0.3017, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8460, 52.6516,
53.5156

■ 58.8460, 52.6516,
53.5156

■ 52.6317, 43.3692,
41.7438

■ 66.1559, 63.6547,
67.1008

■ 47.4555, 35.7134,
31.7052

■ 74.6062, 76.4519,
82.5684

■ 43.2615, 29.5925,
23.3183

■ 84.2448, 91.1208,
99.9880

■ 39.9867, 24.9024,
16.4938

■ 88.0711, 96.4023,
108.5734

■ 37.5603, 21.5261,
11.1336

■ 35.9014, 19.3280,
7.1284

■ 34.9122, 18.1430,
4.3529

■ 34.5865, 17.7924,
3.3167

Harmonies

Analogous

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



58.3625, 52.6516, 66.3129



58.8460, 52.6516, 53.5156



56.8664, 52.6516, 43.3424

Triad

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



58.8460, 52.6516, 53.5156



44.8866, 52.6516, 40.5777



47.1167, 52.6516, 83.0465

Complementary

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



58.8460, 52.6516, 53.5156



61.5694, 74.2560, 83.0430

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.



43.7899, 52.6516, 74.0401



58.8460, 52.6516, 53.5156



42.5556, 52.6516, 49.1949

Square

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



58.8460, 52.6516, 53.5156



48.6940, 52.6516, 36.6255



42.1662, 52.6516, 61.3186



51.4182, 52.6516, 84.6523

Rectangle

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



58.8460, 52.6516, 53.5156



54.4807, 52.6516, 38.9540



42.1662, 52.6516, 61.3186



45.8545, 52.6516, 80.7274

Sweetspot

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



58.8475, 52.6540, 53.5167



87.2837, 88.2017, 94.7990



61.8746, 53.5061, 85.6643



18.5461, 18.6722, 20.0423



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.



58.8475, 52.6540, 53.5167



66.5944, 57.0339, 56.4238



62.0136, 60.4690, 50.0012



15.1607, 15.0921, 16.1316



19.2784, 9.9140, 2.0013



1.5428, 0.7901, 0.3097

Inverse Universe

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



58.8475, 52.6540, 53.5167



66.5944, 57.0339, 56.4238



57.5994, 64.2882, 87.9707



15.1607, 15.0921, 16.1316



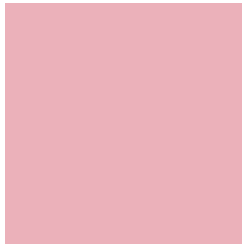
19.2784, 9.9140, 2.0013



1.5428, 0.7901, 0.3097

Previews

White Background



This preview shows how the XYZ color 58.8460, 52.6516, 53.5156 looks on a white background.

Color Contrast Check

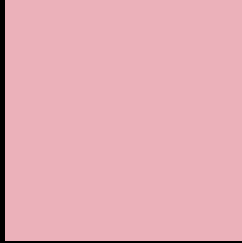
Large Text (above 18pt) WCAG AA × Fail

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 58.8460, 52.6516, 53.5156 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 58.8460, 52.6516, 53.5156

Background



This preview shows how black text looks on a background with the XYZ color 58.8460, 52.6516, 53.5156.



This preview shows how white text looks on a background with the XYZ color 58.8460, 52.6516,

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

58.8460, 52.6516, 53.5156

Protanopia

50.8741, 52.7587, 58.5410

Deuteranopia

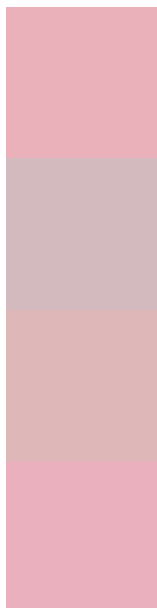
53.9422, 52.8746, 52.7102



Tritanopia

59.0805, 52.4305, 55.7214

Trichromacy



Original Color

58.8460, 52.6516, 53.5156

Protanomaly

53.5412, 52.5810, 56.6174

Deuteranomaly

55.8146, 52.8994, 53.1678

Tritanomaly

58.9716, 52.3870, 55.1477

Monochromacy



Original Color

58.8460, 52.6516, 53.5156

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.0760, 53.4738, 57.3405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8460, 52.6516, 53.5156 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(235, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(235, 177, 186)  
}
```

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(235, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 177, 186) }
```

Border

The CSS property to change the border of an element to XYZ 58.8460, 52.6516, 53.5156 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(235, 177, 186) }
```


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

```
.border{ border-color:rgb(235, 177, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 177, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(235, 177,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8460, 52.6516, 53.5156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 177, 186) }
```

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

```
.background{ background-color: rgb(235,  
177, 186) }
```

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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