

Converting Colors

XYZ(58.2153, 52.2754, 49.9811)

Have a look what the booklet for
XYZ(58.2153, 52.2754, 49.9811)
contains.

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Color

**XYZ(58.2213, 52.4017,
50.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB1B4
RGB	235, 177, 180
RGB Percent	92%, 69%, 71%
CMY	0.0784, 0.3059, 0.2941
CMYK	0.00, 0.25, 0.23, 0.08
HSL	357°, 59%, 81%
HSV	357°, 25%, 92%
XYZ	58.2213, 52.4017, 50.2260
YIQ	194.6840, 33.6050, 13.2290

Conversions

Conversions Part 2

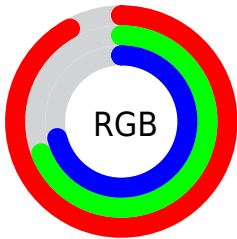
Format	Color
R _Y B	235, 177, 180
Decimal	15446452
CIE Lab	77.52, 21.53, 6.71
CIE LCh	78, 22.553, 17.308
Yxy	52.4017, 0.3620, 0.3258
Android (android.graphics.Color)	4293636532 (0xFFEBB1B4)
YUV	194.6840, -7.2392, 35.3571
Hunter-Lab	72.3890, 16.8838, 9.5349

Details

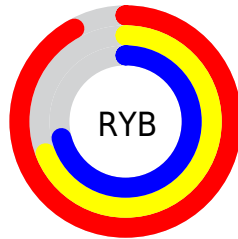
The XYZ color **58.2213, 52.4017, 50.2260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.4074, 74.5912, 87.4559**, and the grayscale version is **51.7126, 54.4057, 59.2478**.

A 20% lighter version of the original color is **85.5192, 85.5940, 91.3708**, and **29.3985, 25.4126, 23.4343** is the 20% darker color. If you saturate the color by 10%, you get **51.8823, 43.0694, 37.7981**, and if you desaturate by 10%, it is **65.7275, 63.4834, 64.8451**.

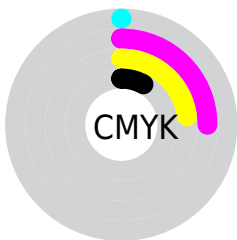
Distribution



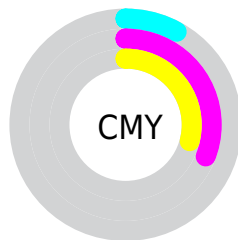
- Red (92%)
- Green (69%)
- Blue (71%)



- Red (92%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2213, 52.4017, 50.2260 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 58.2213, 52.4017, 50.2260 by changing the saturation by 10% instead.

 58.2213, 52.4017,
50.2260

 58.2213, 52.4017,
50.2260


407.9506,
395.9854, 404.3094

 42.2305, 37.3254,
35.2206

 101.3662, 93.7234,
91.9094

 29.4737, 25.4595,
23.5479

129.2510,
120.7375, 119.4244

 19.5856, 16.4197,
14.7895


161.8312,
152.4997, 151.9464

 12.2007, 9.8217,
8.5268

199.4722,
189.3944, 189.8939

 6.9537, 5.2809,
4.3413

242.5392,
231.8059, 233.6854

 3.4792, 2.4130,
1.8144

291.3978,

 1.4120, 0.8326,

280.1186, 283.7394

0.4374

346.4131,
334.7170, 340.4746

■ 0.2647, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2213, 52.4017,
50.2260

■ 58.2213, 52.4017,
50.2260

■ 51.8823, 43.0694,
37.7981

■ 65.7275, 63.4834,
64.8451

■ 46.6479, 35.3904,
27.4528

■ 74.4508, 76.3897,
81.7503

■ 42.4561, 29.2703,
19.0770

■ 84.4437, 91.2003,
101.0352

■ 39.2369, 24.6025,
12.5459

■ 88.0711, 96.4022,
108.5734

■ 36.9121, 21.2667,
7.7200

■ 35.3909, 19.1238,
4.4402

■ 34.5636, 18.0036,
2.5174

■ 34.3283, 17.6891,
1.9573

Harmonies

Analogous

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



58.4149, 52.4017, 62.4800



58.2213, 52.4017, 50.2260



55.6923, 52.4017, 41.2064

Triad

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



58.2213, 52.4017, 50.2260



43.9110, 52.4017, 42.3138



47.9920, 52.4017, 83.7451

Complementary

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



58.2213, 52.4017, 50.2260



62.4074, 74.5912, 87.4559

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.



44.3502, 52.4017, 76.5249



58.2213, 52.4017, 50.2260



42.0879, 52.4017, 51.9564

Square

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



58.2213, 52.4017, 50.2260



47.3603, 52.4017, 37.1156



42.2438, 52.4017, 64.4799



52.3350, 52.4017, 83.1021

Rectangle

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



58.2213, 52.4017, 50.2260



53.1013, 52.4017, 37.6960



42.2438, 52.4017, 64.4799



46.6504, 52.4017, 82.1178

Sweetspot

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



58.2227, 52.4041, 50.2271



87.0108, 88.0926, 93.3620



63.7171, 54.4560, 85.7504



18.4831, 18.6470, 19.7107



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.



58.2227, 52.4041, 50.2271



65.7503, 56.6962, 51.9791



63.3501, 63.1421, 50.4467



15.0970, 15.0667, 15.7961



19.1190, 9.8503, 1.1622



1.5124, 0.7779, 0.1499

Inverse Universe

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



58.2227, 52.4041, 50.2271



65.7503, 56.6962, 51.9791



56.1426, 61.3747, 87.4851



15.0970, 15.0667, 15.7961



19.1190, 9.8503, 1.1622



1.5124, 0.7779, 0.1499

Previews

White Background



This preview shows how the XYZ color 58.2213, 52.4017, 50.2260 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 58.2213, 52.4017, 50.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

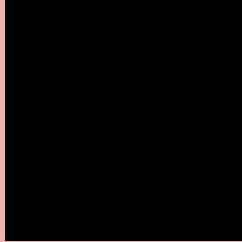
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2213, 52.4017, 50.2260

Background



This preview shows how black text looks on a background with the XYZ color 58.2213, 52.4017, 50.2260.



This preview shows how white text looks on a background with the XYZ color 58.2213, 52.4017,

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

58.2213, 52.4017, 50.2260

Protanopia

50.4729, 52.6282, 55.0750

Deuteranopia

53.4092, 52.3593, 49.4109



Tritanopia

59.3027, 52.5577, 55.1632

Trichromacy



Original Color

58.2213, 52.4017, 50.2260

Protanomaly

52.8942, 52.3222, 53.2103

Deuteranomaly

54.9888, 52.2402, 49.8330

Tritanomaly

58.9803, 52.4287, 53.4655

Monochromacy



Original Color

58.2213, 52.4017, 50.2260

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.8558, 53.3858, 56.1812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2213, 52.4017, 50.2260 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(235, 177, 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(235, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 177, 180) }
```

Border

The CSS property to change the border of an element to XYZ 58.2213, 52.4017, 50.2260 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, 180) }
```


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

```
.border{ border-color:rgb(235, 177, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(235, 177,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2213, 52.4017, 50.2260 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, 180) }
```

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

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