

Converting Colors

XYZ(58.5722, 52.1629, 54.1244)

Have a look what the booklet for
XYZ(58.5722, 52.1629, 54.1244)
contains.

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Color

**XYZ(58.4267, 52.1309,
53.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB0BB
RGB	234, 176, 187
RGB Percent	92%, 69%, 73%
CMY	0.0823, 0.3098, 0.2667
CMYK	0.00, 0.25, 0.20, 0.08
HSL	349°, 58%, 80%
HSV	349°, 25%, 92%
XYZ	58.4267, 52.1309, 53.9966
YIQ	194.5960, 31.0370, 15.7170

Conversions

Conversions Part 2

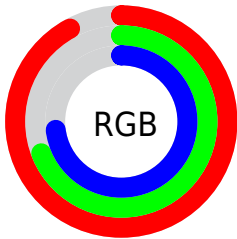
Format	Color
RYB	234, 176, 187
Decimal	15380667
CIELab	77.36, 22.73, 2.66
CIELCh	77, 22.881, 6.669
Yxy	52.1309, 0.3551, 0.3168
Android (android.graphics.Color)	4293570747 (0xFFEAB0BB)
YUV	194.5960, -3.7448, 34.5573
Hunter-Lab	72.2017, 18.0918, 6.2007

Details

The XYZ color **58.4267, 52.1309, 53.9966** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.6488, 73.4048, 80.7876**, and the grayscale version is **51.6413, 54.3307, 59.1661**.

A 20% lighter version of the original color is **86.2743, 85.4443, 96.7393**, and **29.5175, 25.2343, 25.8692** is the 20% darker color. If you saturate the color by 10%, you get **52.3301, 42.9746, 42.6011**, and if you desaturate by 10%, it is **65.5851, 62.9808, 67.0699**.

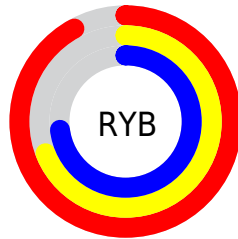
Distribution



Red (92%)

Green (69%)

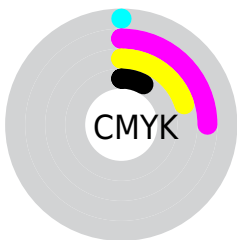
Blue (73%)



Red (92%)

Yellow (69%)

Blue (73%)

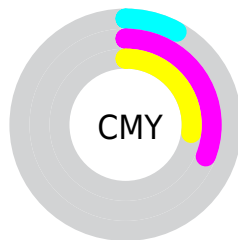


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (8%)



Cyan (8%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4267, 52.1309, 53.9966 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 58.4267, 52.1309, 53.9966 by changing the saturation by 10% instead.

■ 58.4267, 52.1309,
53.9966

■ 58.4267, 52.1309,
53.9966

408.7023,
394.9417, 419.2713

■ 42.3964, 37.1094,
38.2058

■ 101.6634, 93.3243,
97.5256

■ 29.6043, 25.2922,
25.8394

129.6004,
120.2649, 126.1009

■ 19.6850, 16.2949,
16.4788

162.2371,
151.9475, 159.7747

■ 12.2732, 9.7331,
9.7056

199.9388,
188.7562, 198.9657

■ 7.0035, 5.2223,
5.1012

243.0708,
231.0757, 244.0922

■ 3.5107, 2.3783,
2.2470

291.9985,

■ 1.4292, 0.8147,

279.2901, 295.5730

0.7013

347.0872,
333.7840, 353.8265

■ 0.2769, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4267, 52.1309,
53.9966

■ 58.4267, 52.1309,
53.9966

■ 52.3301, 42.9746,
42.6011

■ 65.5851, 62.9808,
67.0699

■ 47.2400, 35.4195,
32.8117

■ 73.8486, 75.5964,
81.8822

■ 43.1027, 29.3752,
24.5564

■ 83.2630, 90.0544,
98.4956

■ 39.8573, 24.7394,
17.7560

■ 87.7420, 96.2326,
108.5580

■ 37.4360, 21.3969,
12.3244

■ 35.7609, 19.2145,
8.1657

■ 34.7378, 18.0293,
5.1709

■ 34.3935, 17.6772,
4.0184

Harmonies

Analogous

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



57.7220, 52.1309, 66.8980



58.4267, 52.1309, 53.9966



56.6421, 52.1309, 43.4984

Triad

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



58.4267, 52.1309, 53.9966



44.6708, 52.1309, 39.4758



46.2764, 52.1309, 82.0158

Complementary

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



58.4267, 52.1309, 53.9966



60.6488, 73.4048, 80.7876

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.



43.0740, 52.1309, 72.4792



58.4267, 52.1309, 53.9966



42.1861, 52.1309, 47.7048

Square

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



58.4267, 52.1309, 53.9966



48.5737, 52.1309, 35.9542



41.6192, 52.1309, 59.6196



50.5370, 52.1309, 84.3580

Rectangle

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



58.4267, 52.1309, 53.9966



54.3396, 52.1309, 38.8442



41.6192, 52.1309, 59.6196



45.0483, 52.1309, 79.4832

Sweetspot

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



58.4281, 52.1333, 53.9977



87.3753, 88.2383, 95.2814



60.6252, 52.5865, 84.7974



18.5672, 18.6807, 20.1536



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.



58.4281, 52.1333, 53.9977



66.8862, 57.1506, 57.9604



60.9284, 58.9462, 49.2436



15.1821, 15.1007, 16.2445



19.3613, 9.9472, 2.4378



1.5529, 0.7941, 0.3630

Inverse Universe

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



58.4281, 52.1333, 53.9977



66.8862, 57.1506, 57.9604



57.4676, 64.5922, 87.2812



15.1821, 15.1007, 16.2445



19.3613, 9.9472, 2.4378



1.5529, 0.7941, 0.3630

Previews

White Background



This preview shows how the XYZ color 58.4267, 52.1309, 53.9966 looks on a white background.

Color Contrast Check

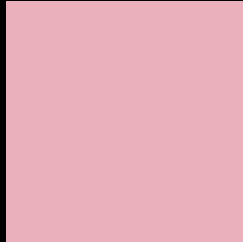
Large Text (above 18pt) WCAG AA × Fail

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 58.4267, 52.1309, 53.9966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

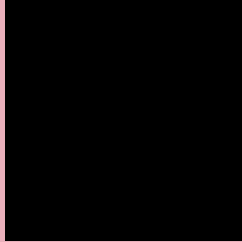
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4267, 52.1309, 53.9966

Background



This preview shows how black text looks on a background with the XYZ color 58.4267, 52.1309, 53.9966.



This preview shows how white text looks on a background with the XYZ color 58.4267, 52.1309,

53.9966.

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

58.4267, 52.1309, 53.9966

Protanopia

50.5119, 52.2364, 59.0501

Deuteranopia

53.2573, 52.1978, 53.1672



Tritanopia

58.6423, 52.2172, 55.1323

Trichromacy



Original Color

58.4267, 52.1309, 53.9966

Protanomaly

53.1579, 52.0590, 57.1158

Deuteranomaly

55.1061, 52.2167, 53.6288

Tritanomaly

58.5341, 52.1739, 54.5624

Monochromacy



Original Color

58.4267, 52.1309, 53.9966

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.7921, 53.3275, 57.3273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4267, 52.1309, 53.9966 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(234, 176, 187)` looks like.

```
.text, #text, p{  
    color:rgb(234, 176, 187)  
}
```

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(234, 176, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 176, 187) }
```

Border

The CSS property to change the border of an element to XYZ 58.4267, 52.1309, 53.9966 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(234, 176, 187) }
```


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

```
.border{ border-color:rgb(234, 176, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 176, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 176, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 176, 187);  
box-shadow:4px 4px 4px 4px rgb(234, 176,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4267, 52.1309, 53.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 176, 187) }
```

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

```
.background{ background-color: rgb(234,  
176, 187) }
```

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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