

Converting Colors

XYZ(58.9286, 52.9260, 56.4001)

Have a look what the booklet for
XYZ(58.9286, 52.9260, 56.4001)
contains.

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Color

**XYZ(58.9286, 52.9260,
56.4001)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B2BF
RGB	233, 178, 191
RGB Percent	91%, 70%, 75%
CMY	0.0863, 0.3019, 0.2510
CMYK	0.00, 0.24, 0.18, 0.09
HSL	346°, 56%, 81%
HSV	346°, 24%, 91%
XYZ	58.9286, 52.9260, 56.4001
YIQ	195.9270, 28.6070, 15.7030

Conversions

Conversions Part 2

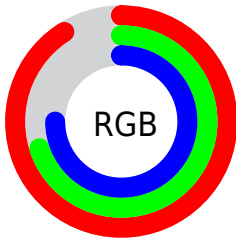
Format	Color
R _Y B	233, 178, 191
Decimal	15315647
CIE Lab	77.83, 21.90, 1.16
CIE LCh	78, 21.935, 3.023
Yxy	52.9260, 0.3502, 0.3146
Android (android.graphics.Color)	4293505727 (0xFFE9B2BF)
YUV	195.9270, -2.4290, 32.5130
Hunter-Lab	72.7503, 17.2742, 4.9602

Details

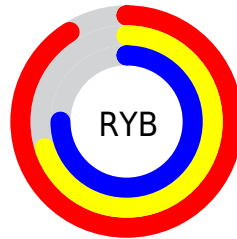
The XYZ color **58.9286, 52.9260, 56.4001** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.4194, 72.9113, 78.6024**, and the grayscale version is **52.4289, 55.1593, 60.0685**.

A 20% lighter version of the original color is **87.4513, 86.8210, 100.1446**, and **30.0525, 25.8493, 27.4502** is the 20% darker color. If you saturate the color by 10%, you get **52.8397, 43.6937, 45.2891**, and if you desaturate by 10%, it is **66.0457, 63.8330, 69.0289**.

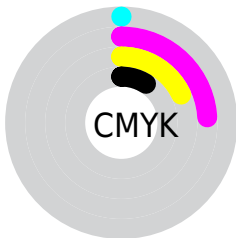
Distribution



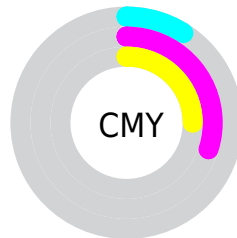
- Red (91%)
- Green (70%)
- Blue (75%)



- Red (91%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9286, 52.9260, 56.4001 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 58.9286, 52.9260, 56.4001 by changing the saturation by 10% instead.


 58.9286, 52.9260,
56.4001

 58.9286, 52.9260,
56.4001


410.5356,
398.0011, 428.6282

 42.8018, 37.7437,
40.1177

 102.3891, 94.4955,
101.0809

 29.9235, 25.7838,
27.3158


130.4535,
121.6514, 130.3164

 19.9283, 16.6620,
17.5760


163.2278,
153.5674, 164.7067

 12.4509, 9.9938,
10.4797

201.0774,
190.6278, 204.6702

 7.1259, 5.3948,
5.6084

244.3676,
233.2169, 250.6256

 3.5880, 2.4807,
2.5436

293.4638,

 1.4718, 0.8670,

281.7193, 302.9914

0.8631

348.7314,
336.5192, 362.1860

■ 0.3065, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9286, 52.9260,
56.4001

■ 58.9286, 52.9260,
56.4001

■ 52.8397, 43.6937,
45.2891

■ 66.0457, 63.8330,
69.0289

■ 47.7265, 36.0459,
35.6346

■ 74.2317, 76.4847,
83.2269

■ 43.5380, 29.8951,
27.3760

■ 83.5304, 90.9556,
99.0473

■ 40.2172, 25.1420,
20.4468

■ 87.4144, 96.0637,
108.5427

■ 37.7001, 21.6753,
14.7751

■ 35.9137, 19.3669,
10.2815

■ 34.7704, 18.0613,
6.8765

■ 34.2955, 17.6001,
5.2115

Harmonies

Analogous

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



57.9570, 52.9260, 68.9283



58.9286, 52.9260, 56.4001



57.4839, 52.9260, 45.7736

Triad

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



58.9286, 52.9260, 56.4001



45.9746, 52.9260, 40.1233



46.6823, 52.9260, 81.1432

Complementary

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



58.9286, 52.9260, 56.4001



60.4194, 72.9113, 78.6024

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.



43.7494, 52.9260, 71.3691



58.9286, 52.9260, 56.4001



43.3573, 52.9260, 47.6346

Square

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



58.9286, 52.9260, 56.4001



49.8742, 52.9260, 37.2458



42.5659, 52.9260, 58.8724



50.7374, 52.9260, 84.3478

Rectangle

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



58.9286, 52.9260, 56.4001



55.3900, 52.9260, 40.8565



42.5659, 52.9260, 58.8724



45.5403, 52.9260, 78.4551

Sweetspot

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



58.9301, 52.9284, 56.4012



87.4999, 88.2882, 95.9372



59.9188, 52.8254, 84.1295



18.5960, 18.6922, 20.3051



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.



58.9301, 52.9284, 56.4012



68.7781, 59.5673, 62.8060



60.4366, 58.1298, 50.1573



15.2113, 15.1124, 16.3982



19.4999, 10.0026, 3.1676



1.5677, 0.8000, 0.4410

Inverse Universe

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



58.9301, 52.9284, 56.4012



68.7781, 59.5673, 62.8060



58.4667, 66.1434, 86.7766



15.2113, 15.1124, 16.3982



19.4999, 10.0026, 3.1676



1.5677, 0.8000, 0.4410

Previews

White Background



This preview shows how the XYZ color 58.9286, 52.9260, 56.4001 looks on a white background.

Color Contrast Check

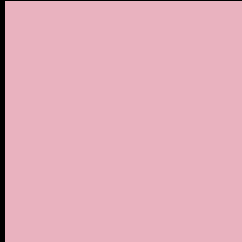
Large Text (above 18pt) WCAG AA × Fail

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 58.9286, 52.9260, 56.4001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

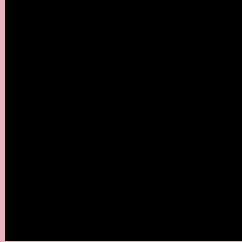
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9286, 52.9260, 56.4001

Background



This preview shows how black text looks on a background with the XYZ color 58.9286, 52.9260, 56.4001.



This preview shows how white text looks on a background with the XYZ color 58.9286, 52.9260,

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

58.9286, 52.9260, 56.4001

Protanopia

51.4066, 53.2921, 61.6098

Deuteranopia

53.8956, 52.7890, 55.4928



Tritanopia

59.0391, 52.9702, 56.9817

Trichromacy



Original Color

58.9286, 52.9260, 56.4001

Protanomaly

53.7466, 52.9361, 59.6095

Deuteranomaly

55.7430, 52.8003, 55.9687

Tritanomaly

59.0391, 52.9702, 56.9817

Monochromacy



Original Color

58.9286, 52.9260, 56.4001

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.2297, 53.8455, 58.5740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9286, 52.9260, 56.4001 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(233, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(233, 178, 191)  
}
```

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(233, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 178, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.9286, 52.9260, 56.4001 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(233, 178, 191) }
```


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

```
.border{ border-color:rgb(233, 178, 191) }
```

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

Here you see how a box with a 4 pixel rgb(233, 178, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(233, 178,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9286, 52.9260, 56.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 178, 191) }
```

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

```
.background{ background-color: rgb(233,  
178, 191) }
```

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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