

Converting Colors

XYZ(58.1389, 52.6389, 57.6546)

Have a look what the booklet for
XYZ(58.1389, 52.6389, 57.6546)
contains.

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Color

**XYZ(58.3789, 52.9134,
57.5885)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B3C1
RGB	230, 179, 193
RGB Percent	90%, 70%, 76%
CMY	0.0980, 0.2980, 0.2431
CMYK	0.00, 0.22, 0.16, 0.10
HSL	344°, 50%, 80%
HSV	344°, 22%, 90%
XYZ	58.3789, 52.9134, 57.5885
YIQ	195.8450, 25.9020, 15.1660

Conversions

Conversions Part 2

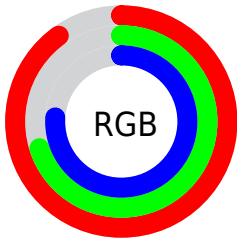
Format	Color
R _Y B	230, 179, 193
Decimal	15119297
CIE Lab	77.82, 20.61, 0.02
CIE LCh	78, 20.607, 0.066
Yxy	52.9134, 0.3457, 0.3133
Android (android.graphics.Color)	4293309377 (0xFFE6B3C1)
YUV	195.8450, -1.4026, 29.9539
Hunter-Lab	72.7416, 15.9577, 3.9801

Details

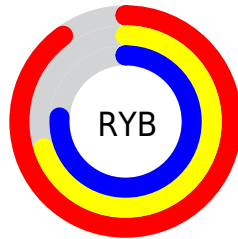
The XYZ color **58.3789, 52.9134, 57.5885** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.2840, 71.1366, 75.5753**, and the grayscale version is **52.3749, 55.1025, 60.0066**.

A 20% lighter version of the original color is **88.0472, 87.5162, 101.8743**, and **29.6500, 25.8138, 28.2308** is the 20% darker color. If you saturate the color by 10%, you get **52.3903, 43.7489, 46.9203**, and if you desaturate by 10%, it is **65.3494, 63.7044, 69.6216**.

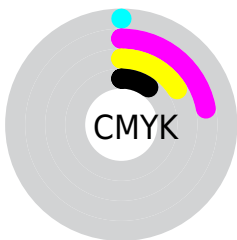
Distribution



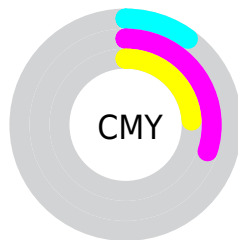
- Red (90%)
- Green (70%)
- Blue (76%)



- Red (90%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3789, 52.9134, 57.5885 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 58.3789, 52.9134, 57.5885 by changing the saturation by 10% instead.


 58.3789, 52.9134,
57.5885

 58.3789, 52.9134,
57.5885


408.5275,
397.9528, 433.2062

 42.3578, 37.7336,
41.0654

 101.5942, 94.4769,
102.8322

 29.5739, 25.7760,
28.0501


129.5191,
121.6295, 132.3899

 19.6618, 16.6562,
18.1241

162.1427,
153.5418, 167.1296

 12.2563, 9.9896,
10.8687

199.8302,
190.5982, 207.4698

 6.9919, 5.3921,
5.8656

242.9471,
233.1831, 253.8290

 3.5033, 2.4791,
2.6960

291.8587,

 1.4252, 0.8661,

281.6809, 306.6258

0.9414

346.9304,
336.4760, 366.2786

■ 0.2741, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3789, 52.9134,
57.5885

■ 58.3789, 52.9134,
57.5885

■ 52.3903, 43.7489,
46.9203

■ 65.3494, 63.7044,
69.6216

■ 47.3342, 36.1246,
37.5644

■ 73.3394, 76.1883,
83.0631

■ 43.1632, 29.9574,
29.4695

■ 82.3899, 90.4364,
97.9584

■ 39.8241, 25.1532,
22.5797

■ 86.4434, 95.5632,
108.4972

■ 37.2578, 21.6068,
16.8342

■ 35.3968, 19.1975,
12.1669

■ 34.1609, 17.7803,
8.5032

■ 33.5341, 17.1834,
6.2702

Harmonies

Analogous

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



57.2534, 52.9134, 69.3139



58.3789, 52.9134, 57.5885



57.2439, 52.9134, 47.2721

Triad

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



58.3789, 52.9134, 57.5885



46.5385, 52.9134, 40.5821



46.5530, 52.9134, 78.8780

Complementary

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



58.3789, 52.9134, 57.5885



59.2840, 71.1366, 75.5753

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.



43.9282, 52.9134, 69.3633



58.3789, 52.9134, 57.5885



43.9201, 52.9134, 47.3103

Square

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



58.3789, 52.9134, 57.5885



50.2838, 52.9134, 38.2817



42.9898, 52.9134, 57.6389



50.3014, 52.9134, 82.5551

Rectangle

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



58.3789, 52.9134, 57.5885



55.3907, 52.9134, 42.3264



42.9898, 52.9134, 57.6389



45.5173, 52.9134, 76.1991

Sweetspot

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



58.3804, 52.9158, 57.5896



87.6020, 88.3290, 96.4751



58.5910, 52.4864, 81.9064



18.6196, 18.7016, 20.4294



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.



58.3804, 52.9158, 57.5896



69.8555, 60.8511, 65.8504



59.1959, 56.9285, 50.5190



14.5387, 14.4327, 15.7712



19.0292, 9.7459, 3.7828



1.4445, 0.7355, 0.4812

Inverse Universe

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



58.3804, 52.9158, 57.5896



69.8555, 60.8511, 65.8504



58.1937, 65.9355, 84.5233



14.5387, 14.4327, 15.7712



19.0292, 9.7459, 3.7828



1.4445, 0.7355, 0.4812

Previews

White Background



This preview shows how the XYZ color 58.3789, 52.9134, 57.5885 looks on a white background.

Color Contrast Check

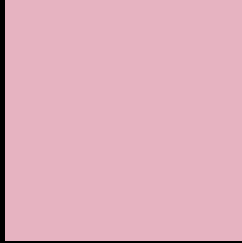
Large Text (above 18pt) WCAG AA × Fail

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 58.3789, 52.9134, 57.5885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

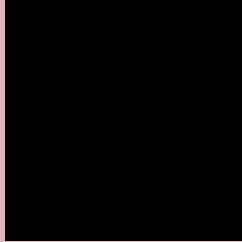
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3789, 52.9134, 57.5885

Background



This preview shows how black text looks on a background with the XYZ color 58.3789, 52.9134, 57.5885.



This preview shows how white text looks on a background with the XYZ color 58.3789, 52.9134,

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

58.3789, 52.9134, 57.5885

Protanopia

51.5231, 53.3387, 62.2234

Deuteranopia

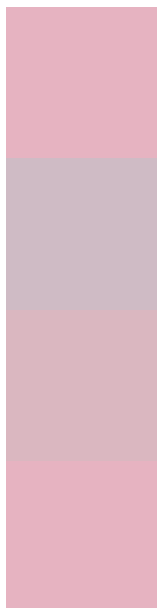
53.9373, 52.7725, 57.2125



Tritanopia

58.3789, 52.9134, 57.5885

Trichromacy



Original Color

58.3789, 52.9134, 57.5885

Protanomaly

53.5805, 52.8373, 60.1979

Deuteranomaly

55.3614, 52.5782, 57.0999

Tritanomaly

58.3789, 52.9134, 57.5885

Monochromacy



Original Color

58.3789, 52.9134, 57.5885

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.2762, 54.1769, 59.2263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3789, 52.9134, 57.5885 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(230, 179, 193)` looks like.

```
.text, #text, p{  
    color:rgb(230, 179, 193)  
}
```

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(230, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 179, 193) }
```

Border

The CSS property to change the border of an element to XYZ 58.3789, 52.9134, 57.5885 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(230, 179, 193) }
```


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

```
.border{ border-color:rgb(230, 179, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 179, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(230, 179,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3789, 52.9134, 57.5885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 179, 193) }
```

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

```
.background{ background-color: rgb(230,  
179, 193) }
```

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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