

Converting Colors

XYZ(57.4084, 51.3022, 45.5390)

Have a look what the booklet for
XYZ(57.4084, 51.3022, 45.5390)
contains.

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Color

**XYZ(57.4118, 51.2169,
45.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAEAB
RGB	237, 174, 171
RGB Percent	93%, 68%, 67%
CMY	0.0706, 0.3176, 0.3294
CMYK	0.00, 0.27, 0.28, 0.07
HSL	3°, 65%, 80%
HSV	3°, 28%, 93%
XYZ	57.4118, 51.2169, 45.3880
YIQ	192.4950, 38.5110, 12.4230

Conversions

Conversions Part 2

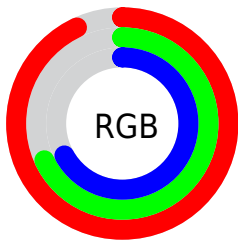
Format	Color
R _Y B	237, 174, 171
Decimal	15576747
CIE Lab	76.81, 22.62, 10.62
CIE LCh	77, 24.983, 25.144
Yxy	51.2169, 0.3728, 0.3325
Android (android.graphics.Color)	4293766827 (0xFFEDAEB)
YUV	192.4950, -10.5970, 39.0309
Hunter-Lab	71.5660, 17.9561, 12.4938

Details

The XYZ color **57.4118, 51.2169, 45.3880** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.5026, 73.6157, 91.0888**, and the grayscale version is **50.4378, 53.0645, 57.7872**.

A 20% lighter version of the original color is **83.2643, 83.3446, 83.6501**, and **28.9895, 24.7100, 20.6943** is the 20% darker color. If you saturate the color by 10%, you get **51.3440, 42.3779, 33.2015**, and if you desaturate by 10%, it is **64.6234, 61.6945, 59.9551**.

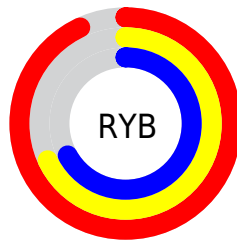
Distribution



Red (93%)

Green (68%)

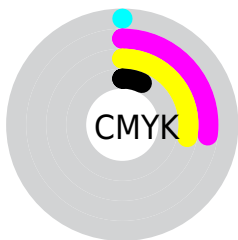
Blue (67%)



Red (93%)

Yellow (68%)

Blue (67%)

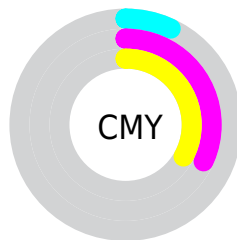


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (7%)



Cyan (7%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4118, 51.2169, 45.3880 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 57.4118, 51.2169, 45.3880 by changing the saturation by 10% instead.

57.4118, 51.2169,
45.3880

57.4118, 51.2169,
45.3880

404.9799,
391.4059, 384.5486

41.5774, 36.3813,
31.4180

100.1937, 91.9753,
84.6270

28.9602, 24.7288,
20.6562

127.8719,
118.6669, 110.7330

19.1948, 15.8751,
12.6841

160.2287,
150.0792, 141.7214

11.9160, 9.4358,
7.0832

197.6296,
186.5966, 178.0108

6.7583, 5.0265,
3.4350

240.4397,
228.6036, 220.0196

3.3564, 2.2628,
1.3208

289.0246,

1.3449, 0.7539,

276.4846, 268.1665

0.0787

343.7495,
330.6239, 322.8700

■ 0.2165, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4118, 51.2169,
45.3880

■ 57.4118, 51.2169,
45.3880

■ 51.3440, 42.3779,
33.2015

■ 64.6234, 61.6945,
59.9551

■ 46.3573, 35.0881,
23.2662

■ 73.0290, 73.8802,
77.0166

■ 42.3894, 29.2603,
15.4452

■ 82.6806, 87.8479,
96.6829

■ 39.3700, 24.7958,
9.5852

■ 88.7352, 96.7446,
108.6045

■ 37.2198, 21.5839,
5.5127

■ 35.8466, 19.4965,
3.0234

■ 35.1334, 18.3763,
1.8417

■ 35.0424, 18.2391,
1.6736

Harmonies

Analogous

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



58.3450, 51.2169, 58.0068



57.4118, 51.2169, 45.3880



54.0808, 51.2169, 36.9613

Triad

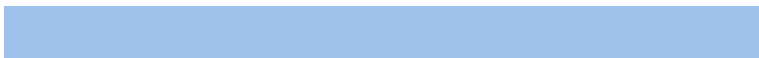
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4118, 51.2169, 45.3880



41.5730, 51.2169, 42.1310



47.9122, 51.2169, 86.0517

Complementary

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



57.4118, 51.2169, 45.3880



61.5026, 73.6157, 91.0888

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.



43.6516, 51.2169, 80.0639



57.4118, 51.2169, 45.3880



40.1462, 51.2169, 53.5847

Square

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



57.4118, 51.2169, 45.3880



44.9068, 51.2169, 35.3059



40.8819, 51.2169, 67.6175



52.6591, 51.2169, 82.9107

Rectangle

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



57.4118, 51.2169, 45.3880



51.0561, 51.2169, 34.1378



40.8819, 51.2169, 67.6175



46.3791, 51.2169, 85.0152

Sweetspot

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



57.4132, 51.2193, 45.3890



86.0376, 86.9549, 90.5439



64.4549, 53.1175, 85.3017



18.0757, 18.1195, 18.6891



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.



57.4132, 51.2193, 45.3890



63.8443, 54.7305, 45.6522



64.3957, 65.1843, 47.7165



15.1205, 15.1639, 15.6487



19.1572, 10.0087, 0.9222



1.5237, 0.8248, 0.0789

Inverse Universe

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



61.5026, 73.6157, 91.0888



69.3619, 84.9611, 107.3511



53.1548, 56.9202, 88.3062



15.4555, 16.9974, 19.3885



23.2523, 33.1517, 48.9164



1.8441, 2.6396, 3.8472

Previews

White Background



This preview shows how the XYZ color 57.4118, 51.2169, 45.3880 looks on a white background.

Color Contrast Check

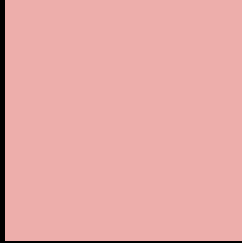
Large Text (above 18pt) WCAG AA × Fail

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 57.4118, 51.2169, 45.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

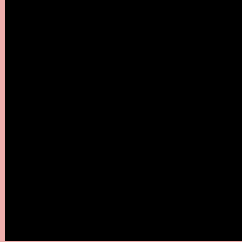
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4118, 51.2169, 45.3880

Background



This preview shows how black text looks on a background with the XYZ color 57.4118, 51.2169, 45.3880.



This preview shows how white text looks on a background with the XYZ color 57.4118, 51.2169,

45.3880.

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

57.4118, 51.2169, 45.3880

Protanopia

49.0992, 51.3856, 49.9784

Deuteranopia

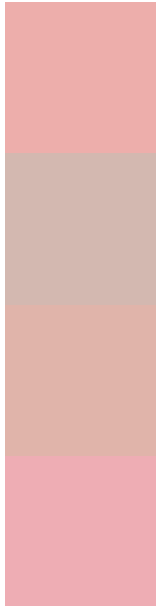
52.4138, 51.3305, 44.6814



Tritanopia

59.1061, 51.3586, 52.6969

Trichromacy



Original Color

57.4118, 51.2169, 45.3880

Protanomaly

51.8409, 51.2645, 48.2370

Deuteranomaly

54.3174, 51.3921, 45.0870

Tritanomaly

58.4417, 51.3596, 50.0132

Monochromacy



Original Color

57.4118, 51.2169, 45.3880

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.0131, 51.5685, 52.5597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4118, 51.2169, 45.3880 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(237, 174, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 174, 171)  
}
```

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(237, 174, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 174, 171) }
```

Border

The CSS property to change the border of an element to XYZ 57.4118, 51.2169, 45.3880 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(237, 174, 171) }
```


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

```
.border{ border-color:rgb(237, 174, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 174, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 174, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 174, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 174,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4118, 51.2169, 45.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 174, 171) }
```

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

```
.background{ background-color: rgb(237,  
174, 171) }
```

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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