

Converting Colors

XYZ(58.0053, 51.5317, 46.1426)

Have a look what the booklet for
XYZ(58.0053, 51.5317, 46.1426)
contains.

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Color

**XYZ(57.8423, 51.4278,
45.9077)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAEAC
RGB	238, 174, 172
RGB Percent	93%, 68%, 67%
CMY	0.0667, 0.3176, 0.3255
CMYK	0.00, 0.27, 0.28, 0.07
HSL	2°, 66%, 80%
HSV	2°, 28%, 93%
XYZ	57.8423, 51.4278, 45.9077
YIQ	192.9080, 38.7860, 12.9460

Conversions

Conversions Part 2

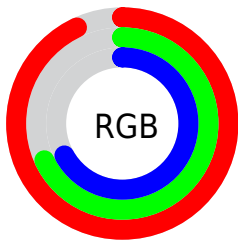
Format	Color
R _Y B	238, 174, 172
Decimal	15642284
CIE Lab	76.94, 23.12, 10.27
CIE LCh	77, 25.298, 23.943
Yxy	51.4278, 0.3727, 0.3314
Android (android.graphics.Color)	4293832364 (0xFFEEAEAC)
YUV	192.9080, -10.3076, 39.5457
Hunter-Lab	71.7132, 18.4762, 12.2443

Details

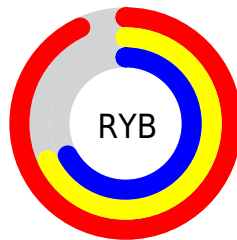
The XYZ color **57.8423, 51.4278, 45.9077** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.4403, 74.9321, 92.0614**, and the grayscale version is **50.6784, 53.3176, 58.0629**.

A 20% lighter version of the original color is **83.4019, 83.3997, 84.3750**, and **29.2836, 24.8546, 21.0233** is the 20% darker color. If you saturate the color by 10%, you get **51.6764, 42.4320, 33.5672**, and if you desaturate by 10%, it is **65.1863, 62.1239, 60.6615**.

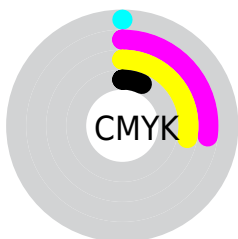
Distribution



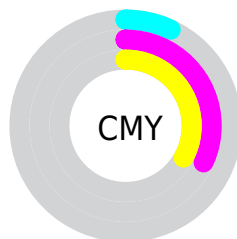
- Red (93%)
- Green (68%)
- Blue (67%)



- 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 57.8423, 51.4278, 45.9077 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 57.8423, 51.4278, 45.9077 by changing the saturation by 10% instead.


 57.8423, 51.4278,
45.9077

 57.8423, 51.4278,
45.9077


406.5614,
392.2236, 386.7042

 41.9246, 36.5492,
31.8249

 100.8175, 92.2868,
85.4137

 29.2331, 24.8586,
20.9640


128.6057,
119.0360, 111.6739

 19.4024, 15.9718,
12.9067


161.0815,
150.5109, 142.8303

 12.0672, 9.5042,
7.2344


198.6102,
187.0957, 179.3014

 6.8620, 5.0715,
3.5284

241.5572,
229.1751, 221.5059

 3.4215, 2.2893,
1.3704

290.2878,

 1.3804, 0.7680,

277.1332, 269.8621

0.1185

345.1674,
331.3546, 324.7887

■ 0.2422, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8423, 51.4278,
45.9077

■ 57.8423, 51.4278,
45.9077

■ 51.6764, 42.4320,
33.5672

■ 65.1863, 62.1239,
60.6615

■ 46.6233, 35.0423,
23.5086

■ 73.7607, 74.5939,
77.9441

■ 42.6181, 29.1663,
15.5932

■ 83.6200, 88.9158,
97.8674

■ 39.5870, 24.6993,
9.6654

■ 89.0699, 96.9172,
108.6201

■ 37.4471, 21.5233,
5.5490

■ 36.1014, 19.5012,
3.0368

■ 35.4267, 18.4634,
1.8517

■ 35.3384, 18.3341,
1.6763

Harmonies

Analogous

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



58.6800, 51.4278, 58.8416



57.8423, 51.4278, 45.9077



54.5365, 51.4278, 37.1752

Triad

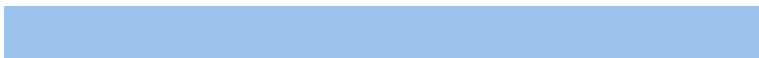
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.8423, 51.4278, 45.9077



41.7697, 51.4278, 41.7913



47.9099, 51.4278, 86.7274

Complementary

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



57.8423, 51.4278, 45.9077



62.4403, 74.9321, 92.0614

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.



43.6299, 51.4278, 80.2904



57.8423, 51.4278, 45.9077



40.2378, 51.4278, 53.2440

Square

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



57.8423, 51.4278, 45.9077



45.2178, 51.4278, 35.0858



40.8959, 51.4278, 67.4638



52.7360, 51.4278, 83.9017

Rectangle

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



57.8423, 51.4278, 45.9077



51.4870, 51.4278, 34.1803



40.8959, 51.4278, 67.4638



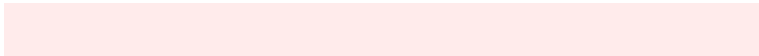
46.3636, 51.4278, 85.5459

Sweetspot

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



57.8437, 51.4302, 45.9087



85.9489, 86.7776, 90.5144



65.2842, 53.7913, 86.9862



18.0536, 18.0754, 18.6817



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.



57.8437, 51.4302, 45.9087



63.5979, 54.2377, 45.5701



64.8020, 65.3469, 48.2282



15.8113, 15.8357, 16.3730



19.7320, 10.2621, 0.9408



1.6550, 0.8806, 0.0828

Inverse Universe

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



62.4403, 74.9321, 92.0614



69.7619, 85.7611, 107.4844



54.0155, 58.0824, 89.2531



16.2038, 17.8417, 20.3114



24.5349, 35.2940, 50.6472



2.0539, 2.9618, 4.2177

Previews

White Background



This preview shows how the XYZ color 57.8423, 51.4278, 45.9077 looks on a white background.

Color Contrast Check

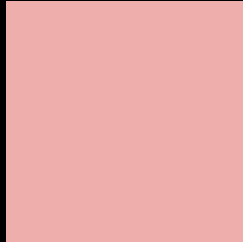
Large Text (above 18pt) WCAG AA × Fail

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 57.8423, 51.4278, 45.9077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

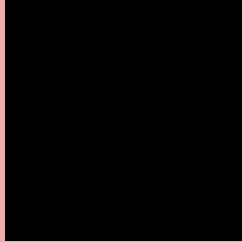
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8423, 51.4278, 45.9077

Background



This preview shows how black text looks on a background with the XYZ color 57.8423, 51.4278, 45.9077.



This preview shows how white text looks on a background with the XYZ color 57.8423, 51.4278,

45.9077.

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

57.8423, 51.4278, 45.9077

Protanopia

49.4166, 51.8580, 50.5851

Deuteranopia

52.5081, 51.3682, 45.1778



Tritanopia

59.1061, 51.3586, 52.6969

Trichromacy



Original Color

57.8423, 51.4278, 45.9077

Protanomaly

51.9403, 51.3042, 48.7601

Deuteranomaly

54.4124, 51.4301, 45.5872

Tritanomaly

58.7784, 51.5332, 50.0290

Monochromacy



Original Color

57.8423, 51.4278, 45.9077

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.6104, 52.1759, 53.1970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8423, 51.4278, 45.9077 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(238, 174, 172)` looks like.

```
.text, #text, p{  
    color:rgb(238, 174, 172)  
}
```

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(238, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 174, 172) }
```

Border

The CSS property to change the border of an element to XYZ 57.8423, 51.4278, 45.9077 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(238, 174, 172) }
```


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

```
.border{ border-color:rgb(238, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(238, 174,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8423, 51.4278, 45.9077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 174, 172) }
```

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

```
.background{ background-color: rgb(238,  
174, 172) }
```

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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