

Converting Colors

XYZ(58.6978, 51.6928, 53.8977)

Have a look what the booklet for
XYZ(58.6978, 51.6928, 53.8977)
contains.

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Color

**XYZ(58.6978, 51.6928,
53.8977)**

Conversions

Conversions Part 1

Format	Color
Hex	ECAEBB
RGB	236, 174, 187
RGB Percent	93%, 68%, 73%
CMY	0.0745, 0.3176, 0.2667
CMYK	0.00, 0.26, 0.21, 0.07
HSL	347°, 62%, 80%
HSV	347°, 26%, 93%
XYZ	58.6978, 51.6928, 53.8977
YIQ	194.0200, 32.7790, 17.1870

Conversions

Conversions Part 2

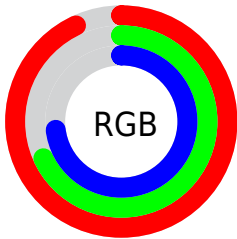
Format	Color
R _Y B	236, 174, 187
Decimal	15511227
CIE Lab	77.10, 24.51, 2.30
CIE LCh	77, 24.621, 5.365
Yxy	51.6928, 0.3573, 0.3146
Android (android.graphics.Color)	4293701307 (0xFFECAEBB)
YUV	194.0200, -3.4609, 36.8165
Hunter-Lab	71.8977, 19.9077, 5.8820

Details

The XYZ color **58.6978, 51.6928, 53.8977** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.7725, 74.3187, 80.9576**, and the grayscale version is **51.2975, 53.9689, 58.7722**.

A 20% lighter version of the original color is **85.7145, 84.3247, 96.5527**, and **29.7309, 24.9797, 25.8088** is the 20% darker color. If you saturate the color by 10%, you get **52.6639, 42.6155, 42.6660**, and if you desaturate by 10%, it is **65.7950, 62.4806, 66.7647**.

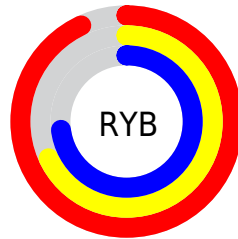
Distribution



Red (93%)

Green (68%)

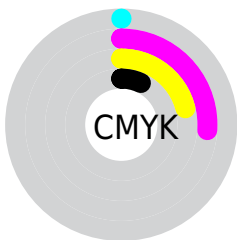
Blue (73%)



Red (93%)

Yellow (68%)

Blue (73%)

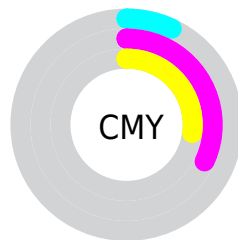


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (7%)



Cyan (7%)


Magenta (32%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6978, 51.6928, 53.8977 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 58.6978, 51.6928, 53.8977 by changing the saturation by 10% instead.


 58.6978, 51.6928,
53.8977

 58.6978, 51.6928,
53.8977


409.6932,
393.2495, 418.8834

 42.6153, 36.7603,
38.1273


 102.0555, 92.6780,
97.3789

 29.7766, 25.0219,
25.7789


130.0614,
119.4995, 125.9268

 19.8163, 16.0934,
16.4340


162.7725,
151.0528, 159.5708

 12.3691, 9.5903,
9.6741

200.5541,
187.7222, 198.7297

 7.0695, 5.1281,
5.0807

243.7716,
229.8922, 243.8218

 3.5524, 2.3226,
2.2351

292.7904,

 1.4521, 0.7857,

277.9471, 295.2658

0.6945

347.9758,
332.2714, 353.4801

■ 0.2929, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6978, 51.6928,
53.8977

■ 58.6978, 51.6928,
53.8977

■ 52.6639, 42.6155,
42.6660

■ 65.7950, 62.4806,
66.7647

■ 47.6371, 35.1537,
33.0003

■ 73.9994, 75.0531,
81.3261

■ 43.5626, 29.2142,
24.8307

■ 83.3577, 89.4891,
97.6421

■ 40.3785, 24.6912,
18.0808

■ 88.4023, 96.5730,
108.5889

■ 38.0153, 21.4653,
12.6673

■ 36.3927, 19.3971,
8.4975

■ 35.4123, 18.3139,
5.4653

■ 35.1567, 18.0587,
4.5908

Harmonies

Analogous

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



57.8200, 51.6928, 67.7861



58.6978, 51.6928, 53.8977



56.8826, 51.6928, 42.5855

Triad

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



58.6978, 51.6928, 53.8977



44.0818, 51.6928, 37.6950



45.4582, 51.6928, 83.2628

Complementary

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



58.6978, 51.6928, 53.8977



60.7725, 74.3187, 80.9576

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.



42.1203, 51.6928, 72.6456



58.6978, 51.6928, 53.8977



41.3619, 51.6928, 46.1638

Square

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



58.6978, 51.6928, 53.8977



48.2918, 51.6928, 34.2353



40.6672, 51.6928, 58.7411



49.9828, 51.6928, 86.2104

Rectangle

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



58.6978, 51.6928, 53.8977



54.4538, 51.6928, 37.5505



40.6672, 51.6928, 58.7411



44.1696, 51.6928, 80.3980

Sweetspot

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



58.6992, 51.6952, 53.8988



86.3956, 86.6726, 93.7415



60.5762, 51.9500, 86.1921



18.1651, 18.0494, 19.4867



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.



58.6992, 51.6952, 53.8988



65.6100, 55.0406, 56.1711



60.9884, 58.4003, 48.1052



15.1946, 15.1057, 16.3103



19.4169, 9.9694, 2.7306



1.5590, 0.7966, 0.3951

Inverse Universe

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



58.6992, 51.6952, 53.8988



65.6100, 55.0406, 56.1711



57.7817, 65.4245, 88.9402



15.1946, 15.1057, 16.3103



19.4169, 9.9694, 2.7306



1.5590, 0.7966, 0.3951

Previews

White Background



This preview shows how the XYZ color 58.6978, 51.6928, 53.8977 looks on a white background.

Color Contrast Check

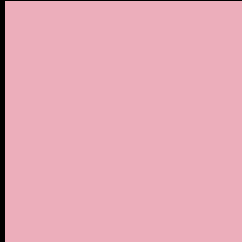
Large Text (above 18pt) WCAG AA × Fail

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 58.6978, 51.6928, 53.8977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

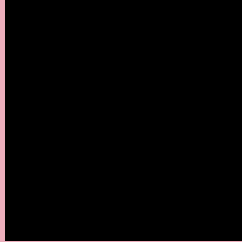
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6978, 51.6928, 53.8977

Background



This preview shows how black text looks on a background with the XYZ color 58.6978, 51.6928, 53.8977.



This preview shows how white text looks on a background with the XYZ color 58.6978, 51.6928,

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

58.6978, 51.6928, 53.8977

Protanopia

50.3696, 52.1499, 59.6357

Deuteranopia

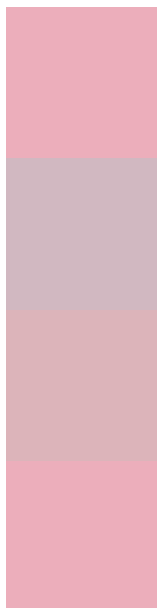
52.7614, 51.6326, 53.0842



Tritanopia

58.6978, 51.6928, 53.8977

Trichromacy



Original Color

58.6978, 51.6928, 53.8977

Protanomaly

53.0606, 51.6865, 57.6320

Deuteranomaly

54.6994, 51.4033, 53.4932

Tritanomaly

58.6978, 51.6928, 53.8977

Monochromacy



Original Color

58.6978, 51.6928, 53.8977

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.4688, 52.8575, 56.6746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6978, 51.6928, 53.8977 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(236, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(236, 174, 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(236, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 174, 187) }
```

Border

The CSS property to change the border of an element to XYZ 58.6978, 51.6928, 53.8977 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(236, 174, 187) }
```


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

```
.border{ border-color:rgb(236, 174, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 174, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(236, 174,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6978, 51.6928, 53.8977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 174, 187) }
```

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

```
.background{ background-color: rgb(236,  
174, 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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