

Converting Colors

XYZ(57.6104, 51.5611, 52.6597)

Have a look what the booklet for
XYZ(57.6104, 51.5611, 52.6597)
contains.

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Color

**XYZ(57.6912, 51.4864,
52.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AFB9
RGB	233, 175, 185
RGB Percent	91%, 69%, 73%
CMY	0.0863, 0.3137, 0.2745
CMYK	0.00, 0.25, 0.21, 0.09
HSL	350°, 57%, 80%
HSV	350°, 25%, 91%
XYZ	57.6912, 51.4864, 52.7961
YIQ	193.4820, 31.3580, 15.4060

Conversions

Conversions Part 2

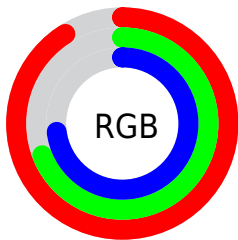
Format	Color
R_{YB}	233, 175, 185
Decimal	15314873
CIE _{Lab}	76.97, 22.60, 3.17
CIE _{LCh}	77, 22.822, 7.993
Yxy	51.4864, 0.3562, 0.3179
Android (android.graphics.Color)	4293504953 (0xFFE9AFB9)
YUV	193.4820, -4.1816, 34.6573
Hunter-Lab	71.7540, 17.9469, 6.6027

Details

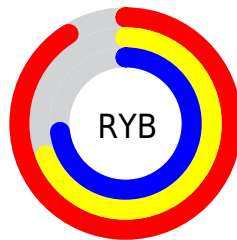
The XYZ color **57.6912, 51.4864, 52.7961** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.1396, 72.7208, 80.6826**, and the grayscale version is **50.9844, 53.6396, 58.4135**.

A 20% lighter version of the original color is **85.6931, 84.7627, 95.0634**, and **29.0289, 24.8151, 25.0896** is the 20% darker color. If you saturate the color by 10%, you get **51.6420, 42.4276, 41.4079**, and if you desaturate by 10%, it is **64.8019, 62.2252, 65.9017**.

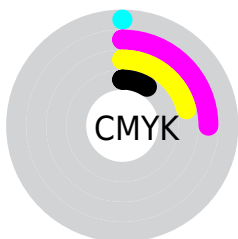
Distribution



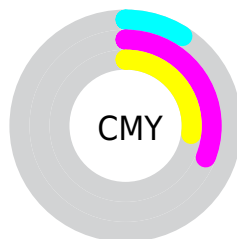
- Red (91%)
- Green (69%)
- Blue (73%)



- Red (91%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6912, 51.4864, 52.7961 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 57.6912, 51.4864, 52.7961 by changing the saturation by 10% instead.


 57.6912, 51.4864,
52.7961

 57.6912, 51.4864,
52.7961


406.0067,
392.4506, 414.5464

 41.8027, 36.5959,
37.2534


 100.5986, 92.3733,
95.7428

 29.1373, 24.8947,
25.1064


128.3482,
119.1385, 123.9838

 19.3295, 15.9986,
15.9366


160.7823,
150.6307, 157.2948

 12.0140, 9.5232,
9.3255

198.2662,
187.2343, 196.0941

 6.8255, 5.0840,
4.8544

241.1652,
229.3337, 240.8004

 3.3986, 2.2966,
2.1048

289.8447,

 1.3679, 0.7719,

277.3133, 291.8322

0.6186

344.6701,
331.5575, 349.6080

■ 0.2332, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6912, 51.4864,
52.7961

■ 57.6912, 51.4864,
52.7961

■ 51.6420, 42.4276,
41.4079

■ 64.8019, 62.2252,
65.9017

■ 46.5987, 34.9569,
31.6622

■ 73.0174, 74.7157,
80.7886

■ 42.5072, 28.9846,
23.4835

■ 82.3840, 89.0339,
97.5217

■ 39.3066, 24.4088,
16.7891

■ 87.4144, 96.0637,
108.5427

■ 36.9287, 21.1153,
11.4882

■ 35.2949, 18.9713,
7.4800

■ 34.3107, 17.8148,
4.6491

■ 33.9901, 17.4780,
3.6036

Harmonies

Analogous

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



57.1040, 51.4864, 65.5194



57.6912, 51.4864, 52.7961



55.8252, 51.4864, 42.5750

Triad

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



57.6912, 51.4864, 52.7961



43.9682, 51.4864, 39.2282



45.8698, 51.4864, 81.3181

Complementary

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



57.6912, 51.4864, 52.7961



60.1396, 72.7208, 80.6826

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.



42.6388, 51.4864, 72.1282



57.6912, 51.4864, 52.7961



41.5871, 51.4864, 47.5578

Square

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



57.6912, 51.4864, 52.7961



47.7830, 51.4864, 35.5347



41.1152, 51.4864, 59.4556



50.1080, 51.4864, 83.2711

Rectangle

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



57.6912, 51.4864, 52.7961



53.5026, 51.4864, 38.1087



41.1152, 51.4864, 59.4556



44.6374, 51.4864, 78.9136

Sweetspot

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



57.6926, 51.4888, 52.7972



87.3295, 88.2200, 95.0399



60.2763, 52.1332, 83.9770



18.5566, 18.6764, 20.0979



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.



57.6926, 51.4888, 52.7972



66.7396, 57.0919, 57.1885



60.4949, 58.7232, 48.7067



15.1714, 15.0964, 16.1880



19.3178, 9.9298, 2.2089



1.5478, 0.7921, 0.3363

Inverse Universe

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



57.6926, 51.4888, 52.7972



66.7396, 57.0919, 57.1885



56.5963, 63.4133, 86.3482



15.1714, 15.0964, 16.1880



19.3178, 9.9298, 2.2089



1.5478, 0.7921, 0.3363

Previews

White Background



This preview shows how the XYZ color 57.6912, 51.4864, 52.7961 looks on a white background.

Color Contrast Check

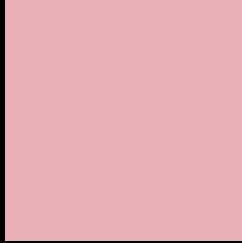
Large Text (above 18pt) WCAG AA × Fail

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 57.6912, 51.4864, 52.7961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

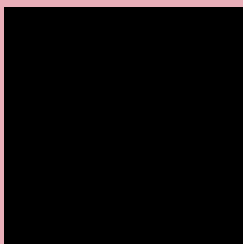
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6912, 51.4864, 52.7961

Background



This preview shows how black text looks on a background with the XYZ color 57.6912, 51.4864, 52.7961.



This preview shows how white text looks on a background with the XYZ color 57.6912, 51.4864,

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

57.6912, 51.4864, 52.7961

Protanopia

49.8156, 51.5829, 57.7830

Deuteranopia

52.5517, 51.5488, 51.9799



Tritanopia

58.0113, 51.6144, 54.4820

Trichromacy



Original Color

57.6912, 51.4864, 52.7961

Protanomaly

52.4472, 51.4086, 55.8738

Deuteranomaly

54.3890, 51.5685, 52.4345

Tritanomaly

57.9039, 51.5714, 53.9161

Monochromacy



Original Color

57.6912, 51.4864, 52.7961

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.8656, 52.2454, 56.0133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6912, 51.4864, 52.7961 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, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 185)  
}
```

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, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 185) }
```

Border

The CSS property to change the border of an element to XYZ 57.6912, 51.4864, 52.7961 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, 175, 185) }
```


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

```
.border{ border-color:rgb(233, 175, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 175, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(233, 175,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6912, 51.4864, 52.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 175, 185) }
```

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

```
.background{ background-color: rgb(233,  
175, 185) }
```

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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