

Converting Colors

XYZ(60.5329, 52.3681, 50.6525)

Have a look what the booklet for
XYZ(60.5329, 52.3681, 50.6525)
contains.

XYZ(60.5923, 52.4564, 50.6476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.5923, 52.4564,
50.6476)**

Conversions

Conversions Part 1

Format	Color
Hex	F4ADB5
RGB	244, 173, 181
RGB Percent	96%, 68%, 71%
CMY	0.0431, 0.3215, 0.2902
CMYK	0.00, 0.29, 0.26, 0.04
HSL	353°, 76%, 82%
HSV	353°, 29%, 96%
XYZ	60.5923, 52.4564, 50.6476
YIQ	195.1410, 39.7480, 17.5400

Conversions

Conversions Part 2

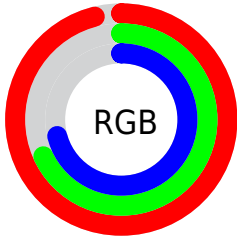
Format	Color
RYB	244, 173, 181
Decimal	16035253
CIELab	77.55, 27.08, 6.33
CIELCh	78, 27.810, 13.166
Yxy	52.4564, 0.3702, 0.3204
Android (android.graphics.Color)	4294225333 (0xFFF4ADB5)
YUV	195.1410, -6.9715, 42.8493
Hunter-Lab	72.4268, 22.5863, 9.2376

Details

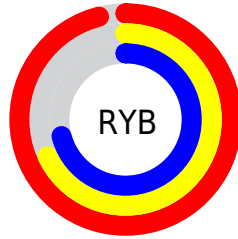
The XYZ color **60.5923, 52.4564, 50.6476** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.7268, 79.6430, 91.3220**, and the grayscale version is **51.9807, 54.6877, 59.5549**.

A 20% lighter version of the original color is **84.5454, 83.4130, 91.7651**, and **30.8625, 25.4306, 23.7040** is the 20% darker color. If you saturate the color by 10%, you get **54.2820, 43.1189, 38.4217**, and if you desaturate by 10%, it is **68.1052, 63.6456, 64.9789**.

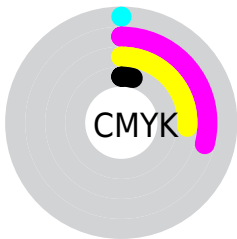
Distribution



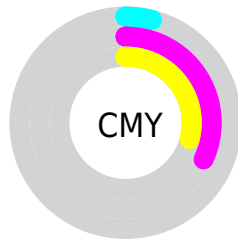
- Red (96%)
- Green (68%)
- Blue (71%)



- Red (96%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (4%)





- Cyan (4%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5923, 52.4564, 50.6476 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 60.5923, 52.4564, 50.6476 by changing the saturation by 10% instead.


 60.5923, 52.4564,
50.6476

 60.5923, 52.4564,
50.6476


416.5774,
396.1960, 406.0005

 44.1475, 37.3690,
35.5535


 104.7899, 93.8040,
92.5398

 30.9849, 25.4933,
23.8026


133.2733,
120.8330, 120.1750

 20.7391, 16.4450,
14.9764


166.5004,
152.6112, 152.8275

 13.0448, 9.8396,
8.6564

204.8365,
189.5232, 190.9160

 7.5366, 5.2927,
4.4240

248.6468,
231.9533, 234.8591

 3.8492, 2.4200,
1.8607

298.2969,

 1.6172, 0.8362,

280.2858, 285.0751

0.4676

354.1519,
334.9053, 341.9827

■ 0.4036, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5923, 52.4564,
50.6476

■ 60.5923, 52.4564,
50.6476

■ 54.2820, 43.1189,
38.4217

■ 68.1052, 63.6456,
64.9789

■ 49.1074, 35.5264,
28.1989

■ 76.8742, 76.7712,
81.5051

■ 45.0020, 29.5723,
19.8728

■ 86.9550, 91.9214,
100.3144

■ 41.8901, 25.1358,
13.3261

■ 91.1184, 97.9732,
108.7160

■ 39.6865, 22.0789,
8.4282

■ 38.2908, 20.2389,
5.0305

■ 37.5595, 19.3719,
2.9504

■ 37.5118, 19.3146,
2.8172

Harmonies

Analogous

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



60.3979, 52.4564, 66.1059



60.5923, 52.4564, 50.6476



57.7670, 52.4564, 39.1953

Triad

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



60.5923, 52.4564, 50.6476



43.1289, 52.4564, 38.1644



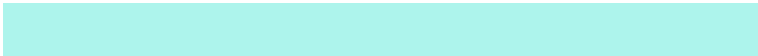
46.9302, 52.4564, 90.3166

Complementary

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



60.5923, 52.4564, 50.6476



64.7268, 79.6430, 91.3220

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.



42.7065, 52.4564, 79.8048



60.5923, 52.4564, 50.6476



40.6221, 52.4564, 48.9807

Square

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



60.5923, 52.4564, 50.6476



47.5453, 52.4564, 32.9087



40.4732, 52.4564, 64.1132



52.2450, 52.4564, 90.9823

Rectangle

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



60.5923, 52.4564, 50.6476



54.6612, 52.4564, 34.6019



40.4732, 52.4564, 64.1132



45.3452, 52.4564, 87.7419

Sweetspot

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



60.5937, 52.4589, 50.6487



85.0533, 84.9784, 90.2404



65.7724, 54.2057, 92.5845



17.8830, 17.7061, 18.7112



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.



60.5937, 52.4589, 50.6487



62.6476, 51.5684, 47.6230



65.5572, 63.6613, 48.3708



16.5750, 16.5129, 17.5085



20.4212, 10.5119, 1.6604



1.8191, 0.9336, 0.2740

Inverse Universe

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



60.5937, 52.4589, 50.6487



62.6476, 51.5684, 47.6230



58.3218, 64.9320, 95.0476



16.5750, 16.5129, 17.5085



20.4212, 10.5119, 1.6604



1.8191, 0.9336, 0.2740

Previews

White Background



This preview shows how the XYZ color 60.5923, 52.4564, 50.6476 looks on a white background.

Color Contrast Check

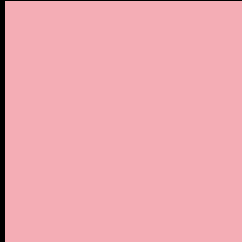
Large Text (above 18pt) WCAG AA × Fail

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 60.5923, 52.4564, 50.6476 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 60.5923, 52.4564, 50.6476

Background



This preview shows how black text looks on a background with the XYZ color 60.5923, 52.4564, 50.6476.



This preview shows how white text looks on a background with the XYZ color 60.5923, 52.4564,

50.6476.

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

60.5923, 52.4564, 50.6476

Protanopia

50.5404, 52.6253, 56.7841

Deuteranopia

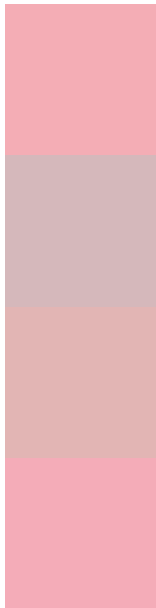
53.5100, 52.3997, 49.9417



Tritanopia

60.8177, 52.2409, 52.7770

Trichromacy



Original Color

60.5923, 52.4564, 50.6476

Protanomaly

53.5507, 52.0150, 54.2312

Deuteranomaly

56.1261, 52.5118, 50.3576

Tritanomaly

60.7125, 52.1988, 52.2229

Monochromacy



Original Color

60.5923, 52.4564, 50.6476

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.5052, 53.4045, 56.1506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5923, 52.4564, 50.6476 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(244, 173, 181)` looks like.

```
.text, #text, p{  
    color:rgb(244, 173, 181)  
}
```

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(244, 173, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 173, 181) }
```

Border

The CSS property to change the border of an element to XYZ 60.5923, 52.4564, 50.6476 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(244, 173, 181) }
```


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

```
.border{ border-color:rgb(244, 173, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 173, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 173, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 173, 181);  
box-shadow:4px 4px 4px 4px rgb(244, 173,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5923, 52.4564, 50.6476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 173, 181) }
```

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

```
.background{ background-color: rgb(244,  
173, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor