

Converting Colors

XYZ(62.0617, 52.7791, 58.5145)

Have a look what the booklet for
XYZ(62.0617, 52.7791, 58.5145)
contains.

XYZ(61.9111, 52.6783, 58.5346)	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(61.9111, 52.6783,
58.5346)**

Conversions

Conversions Part 1

Format	Color
Hex	F4ACC3
RGB	244, 172, 195
RGB Percent	96%, 67%, 76%
CMY	0.0431, 0.3255, 0.2353
CMYK	0.00, 0.30, 0.20, 0.04
HSL	341°, 77%, 82%
HSV	341°, 30%, 96%
XYZ	61.9111, 52.6783, 58.5346
YIQ	196.1500, 35.5290, 22.4170

Conversions

Conversions Part 2

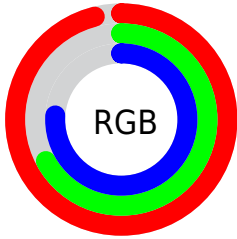
Format	Color
RYB	244, 172, 195
Decimal	16035011
CIELab	77.68, 29.61, -1.10
CIElCh	78, 29.631, 357.878
Yxy	52.6783, 0.3576, 0.3043
Android (android.graphics.Color)	4294225091 (0xFFFF4ACC3)
YUV	196.1500, -0.5670, 41.9644
Hunter-Lab	72.5798, 25.2471, 2.9893

Details

The XYZ color **61.9111, 52.6783, 58.5346** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.4174, 78.6939, 80.3102**, and the grayscale version is **52.5490, 55.2856, 60.2061**.

A 20% lighter version of the original color is **86.3960, 83.7118, 102.8712**, and **31.8981, 25.6815, 28.4751** is the 20% darker color. If you saturate the color by 10%, you get **55.9122, 43.5198, 47.7807**, and if you desaturate by 10%, it is **68.9744, 63.6302, 70.6748**.

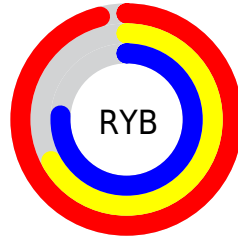
Distribution



Red (96%)

Green (67%)

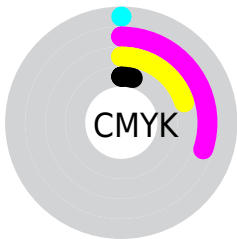
Blue (76%)



Red (96%)

Yellow (67%)

Blue (76%)

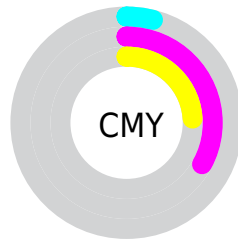


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (4%)



Cyan (4%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9111, 52.6783, 58.5346 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 61.9111, 52.6783, 58.5346 by changing the saturation by 10% instead.


 61.9111, 52.6783,
58.5346

 61.9111, 52.6783,
58.5346


421.3295,
397.0497, 436.8288

 45.2162, 37.5460,
41.8210

 106.6877, 94.1308,
104.2234

 31.8298, 25.6305,
28.6367


135.5001,
121.2199, 134.0357

 21.3864, 16.5474,
18.5629


169.0824,
153.0633, 169.0514

 13.5208, 9.9124,
11.1813


207.7999,
190.0454, 209.6890

 7.8676, 5.3409,
6.0732

252.0180,
232.5508, 256.3669

 4.0614, 2.4486,
2.8201

302.1021,

 1.7370, 0.8507,

280.9636, 309.5039

1.0035

358.4174,
335.6685, 369.5183

■ 0.4792, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9111, 52.6783,
58.5346

■ 61.9111, 52.6783,
58.5346

■ 55.9122, 43.5198,
47.7807

■ 68.9744, 63.6302,
70.6748

■ 50.9197, 36.0514,
38.3584

■ 77.1472, 76.4572,
84.2466

■ 46.8767, 30.1701,
30.2141

■ 86.4774, 91.2445,
99.2972

■ 43.7186, 25.7588,
23.2886

■ 91.1185, 97.9732,
108.7160

■ 41.3721, 22.6840,
17.5177

■ 39.7512, 20.7875,
12.8300

■ 38.7239, 19.8203,
9.1351

■ 38.6812, 19.7823,
8.9749

Harmonies

Analogous

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



59.9961, 52.6783, 75.8329



61.9111, 52.6783, 58.5346



60.4577, 52.6783, 43.8275

Triad

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



61.9111, 52.6783, 58.5346



45.0902, 52.6783, 33.7348



44.4341, 52.6783, 88.4605

Complementary

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



61.9111, 52.6783, 58.5346



62.4174, 78.6939, 80.3102

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.



40.9445, 52.6783, 73.4201



61.9111, 52.6783, 58.5346



41.3025, 52.6783, 42.1570

Square

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



61.9111, 52.6783, 58.5346



50.4784, 52.6783, 31.2424



39.8426, 52.6783, 56.1967



49.6621, 52.6783, 95.0387

Rectangle

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



61.9111, 52.6783, 58.5346



57.8316, 52.6783, 36.9856



39.8426, 52.6783, 56.1967



43.0343, 52.6783, 84.1013

Sweetspot

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



61.9126, 52.6807, 58.5357



85.7469, 85.2559, 93.8929



60.5989, 51.2551, 92.2878



18.0526, 17.7740, 19.6046



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.



61.9126, 52.6807, 58.5357



64.5973, 52.3482, 57.8896



61.8970, 56.4951, 46.6751



16.7172, 16.5697, 18.2575



21.0875, 10.7784, 5.1690



1.8982, 0.9653, 0.6905

Inverse Universe

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



61.9126, 52.6807, 58.5357



64.5973, 52.3482, 57.8896



62.2009, 73.0171, 96.4039



16.7172, 16.5697, 18.2575



21.0875, 10.7784, 5.1690



1.8982, 0.9653, 0.6905

Previews

White Background



This preview shows how the XYZ color 61.9111, 52.6783, 58.5346 looks on a white background.

Color Contrast Check

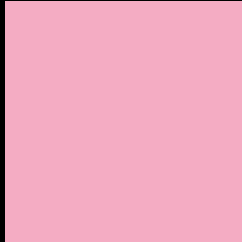
Large Text (above 18pt) WCAG AA × Fail

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 61.9111, 52.6783, 58.5346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

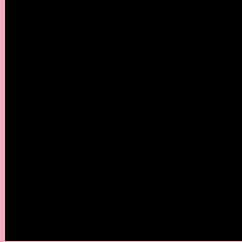
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9111, 52.6783, 58.5346

Background



This preview shows how black text looks on a background with the XYZ color 61.9111, 52.6783, 58.5346.



This preview shows how white text looks on a background with the XYZ color 61.9111, 52.6783,

58.5346.

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

61.9111, 52.6783, 58.5346

Protanopia

51.5096, 52.9243, 65.8931

Deuteranopia

53.9373, 52.7725, 57.2125



Tritanopia

60.8754, 52.5297, 53.9445

Trichromacy



Original Color

61.9111, 52.6783, 58.5346

Protanomaly

54.6651, 52.3941, 63.1090

Deuteranomaly

56.5809, 52.5860, 57.6200

Tritanomaly

61.2000, 52.6595, 55.6539

Monochromacy



Original Color

61.9111, 52.6783, 58.5346

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.1747, 53.6723, 59.6763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9111, 52.6783, 58.5346 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, 172, 195)` looks like.

```
.text, #text, p{  
    color:rgb(244, 172, 195)  
}
```

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, 172, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 172, 195) }
```

Border

The CSS property to change the border of an element to XYZ 61.9111, 52.6783, 58.5346 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, 172, 195) }
```


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

```
.border{ border-color:rgb(244, 172, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 172, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 172, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 172, 195);  
box-shadow:4px 4px 4px 4px rgb(244, 172,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9111, 52.6783, 58.5346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 172, 195) }
```

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

```
.background{ background-color: rgb(244,  
172, 195) }
```

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