

Converting Colors

XYZ(60.5229, 51.8196, 52.1597)

Have a look what the booklet for
XYZ(60.5229, 51.8196, 52.1597)
contains.

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Color

**XYZ(60.5229, 51.8196,
52.1597)**

Conversions

Conversions Part 1

Format	Color
Hex	F4ABB8
RGB	244, 171, 184
RGB Percent	96%, 67%, 72%
CMY	0.0431, 0.3294, 0.2784
CMYK	0.00, 0.30, 0.25, 0.04
HSL	349°, 77%, 81%
HSV	349°, 30%, 96%
XYZ	60.5229, 51.8196, 52.1597
YIQ	194.3090, 39.3350, 19.5190

Conversions

Conversions Part 2

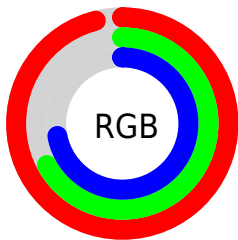
Format	Color
R _Y B	244, 171, 184
Decimal	16034744
CIE Lab	77.17, 28.55, 4.15
CIE LCh	77, 28.854, 8.274
Yxy	51.8196, 0.3679, 0.3150
Android (android.graphics.Color)	4294224824 (0xFFFF4ABB8)
YUV	194.3090, -5.0823, 43.5790
Hunter-Lab	71.9858, 24.1007, 7.4296

Details

The XYZ color **60.5229, 51.8196, 52.1597** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.5713, 79.1301, 87.5283**, and the grayscale version is **51.4753, 54.1560, 58.9759**.

A 20% lighter version of the original color is **84.4373, 82.4894, 93.9098**, and **30.8249, 25.0347, 24.6803** is the 20% darker color. If you saturate the color by 10%, you get **54.3769, 42.6566, 40.4636**, and if you desaturate by 10%, it is **67.8206, 62.8080, 65.7114**.

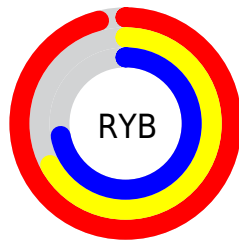
Distribution



Red (96%)

Green (67%)

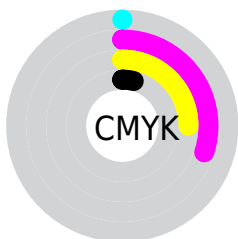
Blue (72%)



Red (96%)

Yellow (67%)

Blue (72%)

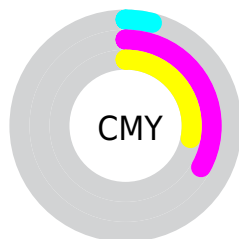


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (4%)



Cyan (4%)


Magenta (33%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5229, 51.8196, 52.1597 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 60.5229, 51.8196, 52.1597 by changing the saturation by 10% instead.


 60.5229, 51.8196,
52.1597

 60.5229, 51.8196,
52.1597


416.3264,
393.7398, 412.0273

 44.0913, 36.8613,
36.7493


 104.6899, 92.8651,
94.7957

 30.9405, 25.1001,
24.7192


133.1560,
119.7212, 122.8583

 20.7052, 16.1517,
15.6508


166.3643,
151.3119, 155.9755

 13.0199, 9.6315,
9.1257

204.6801,
188.0217, 194.5656

 7.5193, 5.1553,
4.7254

248.4689,
230.2350, 239.0474

 3.8382, 2.3387,
2.0311

298.0960,

 1.6110, 0.7941,

278.3362, 289.8392

0.5743

353.9267,
332.7096, 347.3597

■ 0.3996, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5229, 51.8196,
52.1597

■ 60.5229, 51.8196,
52.1597

■ 54.3769, 42.6566,
40.4636

■ 67.8206, 62.8080,
65.7114

■ 49.3188, 35.2131,
30.5385

■ 76.3207, 75.7059,
81.1919

■ 45.2855, 29.3833,
22.2981

■ 86.0761, 90.6007,
98.6740

■ 42.2051, 25.0467,
15.6474

■ 91.1184, 97.9732,
108.7160

■ 39.9963, 22.0660,
10.4814

■ 38.5636, 20.2781,
6.6821

■ 37.7579, 19.4166,
4.1022

■ 37.7526, 19.4109,
4.0849

Harmonies

Analogous

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



59.7875, 51.8196, 68.4418



60.5229, 51.8196, 52.1597



58.0659, 51.8196, 39.6080

Triad

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



60.5229, 51.8196, 52.1597



42.9656, 51.8196, 35.7621



45.4269, 51.8196, 89.6406

Complementary

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



60.5229, 51.8196, 52.1597



63.5713, 79.1301, 87.5283

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.



41.3802, 51.8196, 77.4279



60.5229, 51.8196, 52.1597



40.0348, 51.8196, 45.9002

Square

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



60.5229, 51.8196, 52.1597



47.7410, 51.8196, 31.3671



39.4769, 51.8196, 60.9119



50.7965, 51.8196, 92.1737

Rectangle

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



60.5229, 51.8196, 52.1597



55.0490, 51.8196, 34.3124



39.4769, 51.8196, 60.9119



43.8788, 51.8196, 86.4345

Sweetspot

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



60.5243, 51.8220, 52.1607



85.2708, 85.0654, 91.3854



63.7252, 52.5852, 92.3797



17.9361, 17.7273, 18.9908



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.



60.5243, 51.8220, 52.1607



62.5645, 50.8022, 49.4447



63.9784, 60.8111, 46.8968



16.6196, 16.5307, 17.7432



20.5626, 10.5685, 2.4053



1.8402, 0.9420, 0.3848

Inverse Universe

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



60.5243, 51.8220, 52.1607



62.5645, 50.8022, 49.4447



58.9514, 66.8428, 95.3833



16.6196, 16.5307, 17.7432



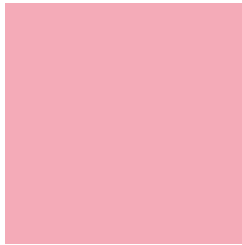
20.5626, 10.5685, 2.4053



1.8402, 0.9420, 0.3848

Previews

White Background



This preview shows how the XYZ color 60.5229, 51.8196, 52.1597 looks on a white background.

Color Contrast Check

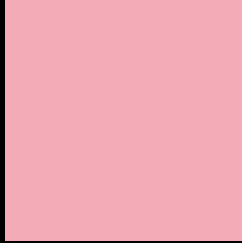
Large Text (above 18pt) WCAG AA × Fail

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 60.5229, 51.8196, 52.1597 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 60.5229, 51.8196, 52.1597

Background



This preview shows how black text looks on a background with the XYZ color 60.5229, 51.8196, 52.1597.



This preview shows how white text looks on a background with the XYZ color 60.5229, 51.8196,

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

60.5229, 51.8196, 52.1597

Protanopia

50.2561, 52.1045, 59.0382

Deuteranopia

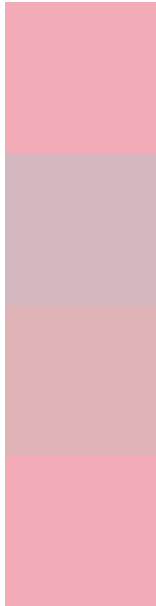
53.0246, 51.8045, 51.4605



Tritanopia

60.5229, 51.8196, 52.1597

Trichromacy



Original Color

60.5229, 51.8196, 52.1597

Protanomaly

53.4888, 51.6256, 56.4358

Deuteranomaly

55.4078, 51.5064, 51.8212

Tritanomaly

60.5229, 51.8196, 52.1597

Monochromacy



Original Color

60.5229, 51.8196, 52.1597

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.0045, 52.8326, 56.0666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5229, 51.8196, 52.1597 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, 171, 184)` looks like.

```
.text, #text, p{  
    color:rgb(244, 171, 184)  
}
```

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, 171, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 171, 184) }
```

Border

The CSS property to change the border of an element to XYZ 60.5229, 51.8196, 52.1597 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, 171, 184) }
```


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

```
.border{ border-color:rgb(244, 171, 184) }
```

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

Here you see how a box with a 4 pixel rgb(244, 171, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 171, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 171, 184);  
box-shadow:4px 4px 4px 4px rgb(244, 171,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5229, 51.8196, 52.1597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 171, 184) }
```

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

```
.background{ background-color: rgb(244,  
171, 184) }
```

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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