

Converting Colors

XYZ(62.0142, 54.0743, 51.3929)

Have a look what the booklet for
XYZ(62.0142, 54.0743, 51.3929)
contains.

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Color

**XYZ(61.9749, 54.0209,
51.4166)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B0B6
RGB	246, 176, 182
RGB Percent	96%, 69%, 71%
CMY	0.0353, 0.3098, 0.2863
CMYK	0.00, 0.28, 0.26, 0.04
HSL	355°, 80%, 83%
HSV	355°, 28%, 96%
XYZ	61.9749, 54.0209, 51.4166
YIQ	197.6140, 39.7940, 16.7060

Conversions

Conversions Part 2

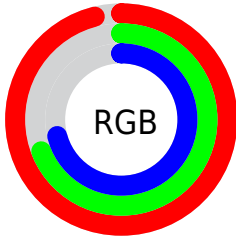
Format	Color
R _Y B	246, 176, 182
Decimal	16167094
CIE Lab	78.47, 26.36, 7.14
CIE LCh	78, 27.309, 15.161
Yxy	54.0209, 0.3702, 0.3227
Android (android.graphics.Color)	4294357174 (0xFFFF6B0B6)
YUV	197.6140, -7.6977, 42.4345
Hunter-Lab	73.4989, 21.8896, 9.9726

Details

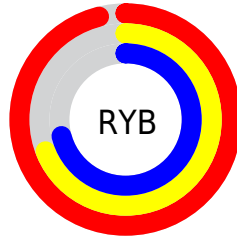
The XYZ color **61.9749, 54.0209, 51.4166** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5908, 81.4343, 94.6509**, and the grayscale version is **53.4718, 56.2565, 61.2634**.

A 20% lighter version of the original color is **85.5292, 85.1463, 92.8159**, and **31.7844, 26.4423, 24.1975** is the 20% darker color. If you saturate the color by 10%, you get **55.4405, 44.3780, 38.6764**, and if you desaturate by 10%, it is **69.7596, 65.5662, 66.4169**.

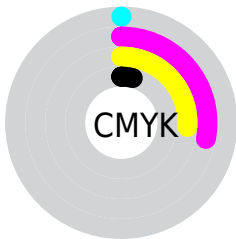
Distribution



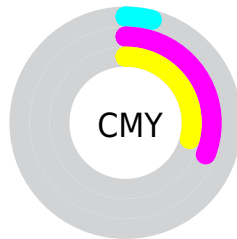
- Red (96%)
- Green (69%)
- Blue (71%)



- Red (96%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9749, 54.0209, 51.4166 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 61.9749, 54.0209, 51.4166 by changing the saturation by 10% instead.

61.9749, 54.0209,
51.4166

61.9749, 54.0209,
51.4166

421.5585,
402.1897, 409.0729

45.2679, 38.6184,
36.1612

106.7794, 96.1049,
93.6881

31.8707, 26.4630,
24.2681

135.6076,
123.5552, 121.5413

21.4178, 17.1703,
15.3186

169.2070,
155.7902, 154.4308

13.5440, 10.3560,
8.8942

207.9429,
193.1943, 192.7753

7.8837, 5.6356,
4.5763

252.1807,
236.1519, 236.9932

4.0718, 2.6248,
1.9466

302.2856,

1.7428, 0.9392,

285.0474, 287.5030

0.5221

358.6231,
340.2652, 344.7234

■ 0.4829, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9749, 54.0209,
51.4166

■ 61.9749, 54.0209,
51.4166

■ 55.4405, 44.3780,
38.6764

■ 69.7596, 65.5662,
66.4169

■ 50.0870, 36.5282,
28.0834

■ 78.8506, 79.1003,
83.7758

■ 45.8449, 30.3630,
19.5202

■ 89.3056, 94.7134,
103.5904

■ 42.6357, 25.7591,
12.8567

■ 91.8162, 98.3329,
108.7487

■ 40.3705, 22.5760,
7.9477

■ 38.9451, 20.6484,
4.6268

■ 38.2182, 19.7438,
2.6911

■ 38.1422, 19.6473,
2.4949

Harmonies

Analogous

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



61.9920, 54.0209, 66.7261



61.9749, 54.0209, 51.4166



58.9789, 54.0209, 40.2368

Triad

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



61.9749, 54.0209, 51.4166



44.3632, 54.0209, 40.3282



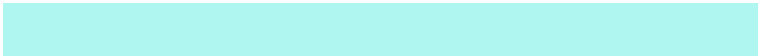
48.7449, 54.0209, 92.3020

Complementary

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



61.9749, 54.0209, 51.4166



66.5908, 81.4343, 94.6509

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.



44.4005, 54.0209, 82.3902



61.9749, 54.0209, 51.4166



41.9932, 54.0209, 51.5637

Square

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



61.9749, 54.0209, 51.4166



48.6907, 54.0209, 34.6366



42.0063, 54.0209, 66.9011



54.0945, 54.0209, 92.2439

Rectangle

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



61.9749, 54.0209, 51.4166



55.8079, 54.0209, 35.8498



42.0063, 54.0209, 66.9011



47.1271, 54.0209, 89.9588

Sweetspot

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



61.9764, 54.0234, 51.4177



84.9642, 84.9428, 89.7712



67.7581, 56.0578, 94.4382



17.8612, 17.6974, 18.5967



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.



61.9764, 54.0234, 51.4177



63.1075, 52.4999, 47.7397



67.4371, 65.9153, 50.2461



16.5567, 16.5055, 17.4124



20.3793, 10.4951, 1.4397



1.8105, 0.9302, 0.2284

Inverse Universe

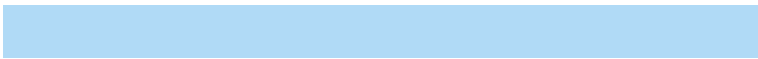
The Inverse Universe completely reimagines the original color for something new.



61.9764, 54.0234, 51.4177



63.1075, 52.4999, 47.7397



59.6126, 66.0289, 96.7921



16.5567, 16.5055, 17.4124



20.3793, 10.4951, 1.4397



1.8105, 0.9302, 0.2284

Previews

White Background



This preview shows how the XYZ color 61.9749, 54.0209, 51.4166 looks on a white background.

Color Contrast Check

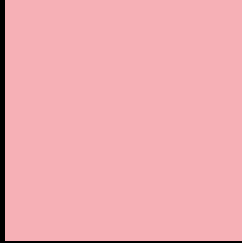
Large Text (above 18pt) WCAG AA × Fail

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 61.9749, 54.0209, 51.4166 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 61.9749, 54.0209, 51.4166

Background



This preview shows how black text looks on a background with the XYZ color 61.9749, 54.0209, 51.4166.



This preview shows how white text looks on a background with the XYZ color 61.9749, 54.0209,

51.4166.

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

61.9749, 54.0209, 51.4166

Protanopia

52.3594, 54.5315, 57.6352

Deuteranopia

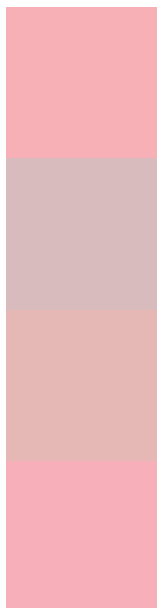
55.4349, 54.3218, 50.7434



Tritanopia

62.7648, 54.0649, 54.7045

Trichromacy



Original Color

61.9749, 54.0209, 51.4166

Protanomaly

55.1663, 53.7704, 55.0481

Deuteranomaly

57.7941, 54.2752, 51.1461

Tritanomaly

62.5507, 53.9793, 53.5766

Monochromacy



Original Color

61.9749, 54.0209, 51.4166

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.9522, 55.0798, 57.5516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9749, 54.0209, 51.4166 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(246, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(246, 176, 182)  
}
```

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(246, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 176, 182) }
```

Border

The CSS property to change the border of an element to XYZ 61.9749, 54.0209, 51.4166 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(246, 176, 182) }
```


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

```
.border{ border-color:rgb(246, 176, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 176, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 176, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 176, 182);  
box-shadow:4px 4px 4px 4px rgb(246, 176,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9749, 54.0209, 51.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 176, 182) }
```

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

```
.background{ background-color: rgb(246,  
176, 182) }
```

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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