

Converting Colors

XYZ(61.6850, 54.2216, 52.6641)

Have a look what the booklet for
XYZ(61.6850, 54.2216, 52.6641)
contains.

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Color

**XYZ(61.6821, 54.1381,
52.5461)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F4B1B8 |
| RGB | 244, 177, 184 |
| RGB Percent | 96%, 69%, 72% |
| CMY | 0.0431, 0.3059, 0.2784 |
| CMYK | 0.00, 0.27, 0.25, 0.04 |
| HSL | 354°, 75%, 83% |
| HSV | 354°, 27%, 96% |
| XYZ | 61.6821, 54.1381, 52.5461 |
| YIQ | 197.8310, 37.6850, 16.3810 |

Conversions

Conversions Part 2

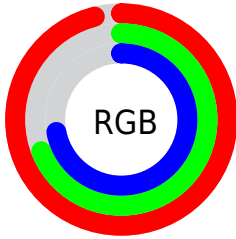
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 244, 177, 184 |
| Decimal | 16036280 |
| CIE Lab | 78.54, 25.38, 6.13 |
| CIE LCh | 79, 26.109, 13.574 |
| Yxy | 54.1381, 0.3664, 0.3215 |
| Android (android.graphics.Color) | 4294226360 (0xFFFF4B1B8) |
| YUV | 197.8310, -6.8187, 40.4902 |
| Hunter-Lab | 73.5786, 20.8768, 9.1631 |

Details

The XYZ color **61.6821, 54.1381, 52.5461** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7705, 80.1642, 92.1316**, and the grayscale version is **53.5992, 56.3906, 61.4093**.

A 20% lighter version of the original color is **86.1071, 85.8291, 94.4664**, and **31.7979, 26.6188, 24.9347** is the 20% darker color. If you saturate the color by 10%, you get **55.1701, 44.5008, 39.9336**, and if you desaturate by 10%, it is **69.4126, 65.6452, 67.3117**.

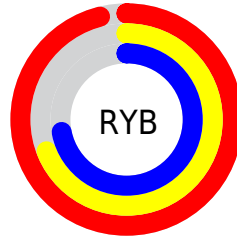
Distribution



Red (96%)

Green (69%)

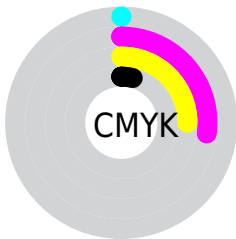
Blue (72%)



Red (96%)

Yellow (69%)

Blue (72%)

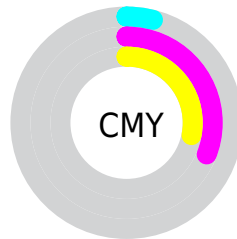


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (4%)



Cyan (4%)


Magenta (31%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6821, 54.1381, 52.5461 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 61.6821, 54.1381, 52.5461 by changing the saturation by 10% instead.


 61.6821, 54.1381,
52.5461

 61.6821, 54.1381,
52.5461


420.5066,
402.6364, 413.5580

 45.0305, 38.7121,
37.0553


 106.3585, 96.2770,
95.3709

 31.6828, 26.5358,
24.9542


135.1140,
123.7586, 123.5420

 21.2737, 17.2249,
15.8242


168.6348,
156.0276, 156.7769

 13.4378, 10.3950,
9.2468

207.2863,
193.4683, 195.4942

 7.8098, 5.6616,
4.8035

251.4339,
236.4652, 240.1124

 4.0243, 2.6404,
2.0757

301.4429,

 1.7159, 0.9470,

285.4026, 291.0501

0.6013

357.6787,
340.6648, 348.7258

■ 0.4662, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6821, 54.1381,
52.5461

■ 61.6821, 54.1381,
52.5461

■ 55.1701, 44.5008,
39.9336

■ 69.4126, 65.6452,
67.3117

■ 49.8100, 36.6275,
29.3703

■ 78.4149, 79.1057,
84.3210

■ 45.5357, 30.4134,
20.7486

■ 88.7442, 94.6071,
103.6635

■ 42.2724, 25.7394,
13.9499

■ 91.1184, 97.9732,
108.7160

■ 39.9359, 22.4705,
8.8424

■ 38.4281, 20.4487,
5.2762

■ 37.6235, 19.4670,
3.0733

■ 37.4890, 19.3054,
2.6973

Harmonies

Analogous

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



61.5384, 54.1381, 67.3255



61.6821, 54.1381, 52.5461



58.9600, 54.1381, 41.4990

Triad

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



61.6821, 54.1381, 52.5461



44.9359, 54.1381, 40.7149



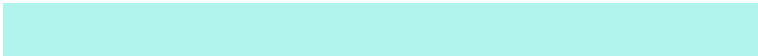
48.7101, 54.1381, 90.5047

Complementary

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



61.6821, 54.1381, 52.5461



65.7705, 80.1642, 92.1316

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.



44.6185, 54.1381, 80.7066



61.6821, 54.1381, 52.5461



42.5409, 54.1381, 51.2945

Square

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



61.6821, 54.1381, 52.5461



49.1701, 54.1381, 35.4774



42.4287, 54.1381, 65.8481



53.8130, 54.1381, 90.9913

Rectangle

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



61.6821, 54.1381, 52.5461



55.9851, 54.1381, 37.0458



42.4287, 54.1381, 65.8481



47.1792, 54.1381, 88.1254

Sweetspot

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



61.6836, 54.1406, 52.5472



86.0806, 86.5465, 92.0823



66.7059, 55.8428, 92.8512



18.0864, 18.0179, 19.0723



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.



61.6836, 54.1406, 52.5472



63.9758, 53.6097, 49.9619



66.5269, 64.9721, 50.6327



16.5694, 16.5106, 17.4793



20.4075, 10.5064, 1.5882



1.8165, 0.9326, 0.2601

Inverse Universe

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



61.6836, 54.1406, 52.5472



63.9758, 53.6097, 49.9619



59.6163, 66.1881, 95.2217



16.5694, 16.5106, 17.4793



20.4075, 10.5064, 1.5882



1.8165, 0.9326, 0.2601

Previews

White Background



This preview shows how the XYZ color 61.6821, 54.1381, 52.5461 looks on a white background.

Color Contrast Check

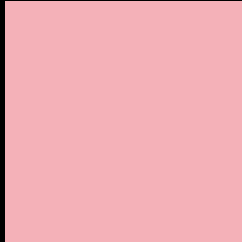
Large Text (above 18pt) WCAG AA × Fail

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 61.6821, 54.1381, 52.5461 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 61.6821, 54.1381, 52.5461

Background



This preview shows how black text looks on a background with the XYZ color 61.6821, 54.1381, 52.5461.



This preview shows how white text looks on a background with the XYZ color 61.6821, 54.1381,

52.5461.

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

61.6821, 54.1381, 52.5461

Protanopia

52.2061, 54.4396, 58.2084

Deuteranopia

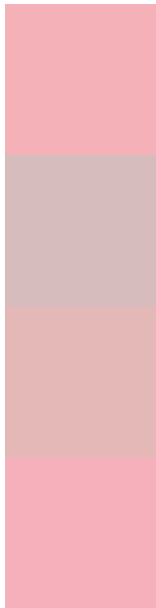
55.3402, 54.2493, 51.8104



Tritanopia

62.4758, 54.1809, 55.8803

Trichromacy



Original Color

61.6821, 54.1381, 52.5461

Protanomaly

55.3018, 54.1312, 56.2488

Deuteranomaly

57.3663, 54.0308, 52.2052

Tritanomaly

62.2586, 54.0940, 54.7367

Monochromacy



Original Color

61.6821, 54.1381, 52.5461

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.0634, 55.1242, 58.1373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6821, 54.1381, 52.5461 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, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(244, 177, 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, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 177, 184) }
```

Border

The CSS property to change the border of an element to XYZ 61.6821, 54.1381, 52.5461 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, 177, 184) }
```


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

```
.border{ border-color:rgb(244, 177, 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, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(244, 177,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6821, 54.1381, 52.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 177, 184) }
```

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

```
.background{ background-color: rgb(244,  
177, 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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