

Converting Colors

XYZ(61.3059, 54.3086, 42.5039)

Have a look what the booklet for
XYZ(61.3059, 54.3086, 42.5039)
contains.

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Color

**XYZ(61.1344, 54.0811,
42.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B1A4
RGB	248, 177, 164
RGB Percent	97%, 69%, 64%
CMY	0.0275, 0.3059, 0.3569
CMYK	0.00, 0.29, 0.34, 0.03
HSL	9°, 86%, 81%
HSV	9°, 34%, 97%
XYZ	61.1344, 54.0811, 42.3385
YIQ	196.7470, 46.4890, 11.0090

Conversions

Conversions Part 2

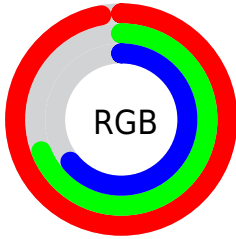
Format	Color
R _Y B	248, 179, 164
Decimal	16298404
CIE Lab	78.51, 24.24, 16.97
CIE LCh	79, 29.587, 34.995
Yxy	54.0811, 0.3880, 0.3433
Android (android.graphics.Color)	4294488484 (0xFFF8B1A4)
YUV	196.7470, -16.1443, 44.9489
Hunter-Lab	73.5399, 19.6941, 17.3433

Details

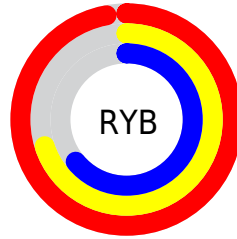
The XYZ color **61.1344, 54.0811, 42.3385** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.9603, 74.0838, 99.8410**, and the grayscale version is **52.9942, 55.7540, 60.7162**.

A 20% lighter version of the original color is **83.1651, 84.6523, 78.9741**, and **31.3675, 26.5323, 18.7972** is the 20% darker color. If you saturate the color by 10%, you get **55.2826, 45.6188, 30.3949**, and if you desaturate by 10%, it is **68.0617, 63.9950, 56.7962**.

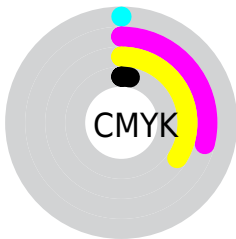
Distribution



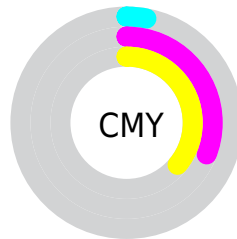
- Red (97%)
- Green (69%)
- Blue (64%)



- Red (97%)
- Yellow (70%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (3%)




- Cyan (3%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1344, 54.0811, 42.3385 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 61.1344, 54.0811, 42.3385 by changing the saturation by 10% instead.


 61.1344, 54.0811,
42.3385


 61.1344, 54.0811,
42.3385


418.5347,
402.4192, 371.7252

 44.5866, 38.6665,
29.0389


 105.5705, 96.1933,
79.9873

 31.3318, 26.5004,
18.8644


 134.1896,
123.6597, 105.1735

 21.0047, 17.1984,
11.3965

167.5630,
155.9122, 135.1591

 13.2399, 10.3760,
6.2167

206.0563,
193.3351, 170.3625

 7.6721, 5.6490,
2.9064

250.0348,
236.3129, 211.2023

 3.9359, 2.6328,
1.0470

299.8637,

 1.6659, 0.9432,

285.2299, 258.0969

0.0000

355.9086,
340.4705, 311.4651

■ 0.4348, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1344, 54.0811,
42.3385

■ 61.1344, 54.0811,
42.3385

■ 55.2826, 45.6188,
30.3949

■ 68.0617, 63.9950,
56.7962

■ 50.4475, 38.5324,
20.8182

■ 76.1107, 75.4162,
73.8970

■ 46.5714, 32.7508,
13.4511

■ 85.3301, 88.4071,
93.7653

■ 43.5887, 28.1935,
8.1154

■ 92.5214, 98.6965,
108.7817

■ 41.4251, 24.7709,
4.6055

■ 39.9936, 22.3806,
2.6715

■ 39.4173, 21.3682,
2.0470

Harmonies

Analogous

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



63.3868, 54.0811, 56.1364



61.1344, 54.0811, 42.3385



56.2836, 54.0811, 34.3366

Triad

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



61.1344, 54.0811, 42.3385



41.9056, 54.0811, 46.3404



52.3838, 54.0811, 96.9682

Complementary

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



61.1344, 54.0811, 42.3385



61.9603, 74.0838, 99.8410

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.



46.8120, 54.0811, 93.0008



61.1344, 54.0811, 42.3385



41.0327, 54.0811, 61.7222

Square

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



61.1344, 54.0811, 42.3385



45.2430, 54.0811, 36.3229



42.7624, 54.0811, 79.2630



58.0970, 54.0811, 89.2646

Rectangle

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



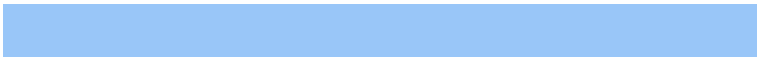
61.1344, 54.0811, 42.3385



52.3859, 54.0811, 32.3626



42.7624, 54.0811, 79.2630



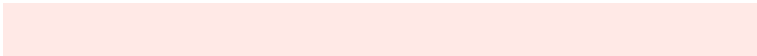
50.4314, 54.0811, 96.9675

Sweetspot

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



61.1358, 54.0837, 42.3396



84.7187, 85.4769, 86.5288



67.0405, 52.5292, 85.5066



17.8445, 17.8882, 17.8999



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.



61.1358, 54.0837, 42.3396



60.5336, 50.9811, 35.6944



70.6398, 73.0917, 45.5076



17.4615, 17.6589, 17.9506



21.3566, 11.6698, 1.1269



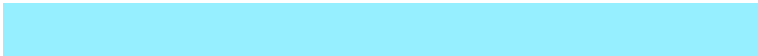
2.0396, 1.2042, 0.1249

Inverse Universe

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



61.9603, 74.0838, 99.8410



61.5225, 75.3704, 105.9131



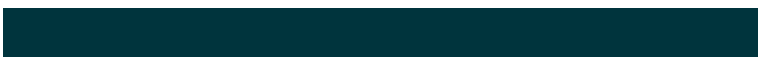
51.4121, 52.9874, 96.3249



17.5235, 19.1238, 22.1530



21.6344, 28.6244, 52.3584



2.0634, 2.7706, 4.8692

Previews

White Background



This preview shows how the XYZ color 61.1344, 54.0811, 42.3385 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 61.1344, 54.0811, 42.3385 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 61.1344, 54.0811, 42.3385

Background



This preview shows how black text looks on a background with the XYZ color 61.1344, 54.0811, 42.3385.



This preview shows how white text looks on a background with the XYZ color 61.1344, 54.0811,

42.3385.

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

61.1344, 54.0811, 42.3385

Protanopia

51.4632, 54.2972, 47.3032

Deuteranopia

55.3432, 54.1568, 41.7188



Tritanopia

63.5300, 54.1840, 54.1239

Trichromacy



Original Color

61.1344, 54.0811, 42.3385

Protanomaly

54.4523, 53.9288, 45.5696

Deuteranomaly

57.1486, 53.8350, 42.0295

Tritanomaly

62.5336, 54.0544, 49.7855

Monochromacy



Original Color

61.1344, 54.0811, 42.3385

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.4893, 54.9286, 53.5766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1344, 54.0811, 42.3385 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(248, 177, 164)` looks like.

```
.text, #text, p{  
    color:rgb(248, 177, 164)  
}
```

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(248, 177, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 177, 164) }
```

Border

The CSS property to change the border of an element to XYZ 61.1344, 54.0811, 42.3385 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(248, 177, 164) }
```


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

```
.border{ border-color:rgb(248, 177, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 177, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 177, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 177, 164);  
box-shadow:4px 4px 4px 4px rgb(248, 177,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1344, 54.0811, 42.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 177, 164) }
```

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

```
.background{ background-color: rgb(248,  
177, 164) }
```

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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