

Converting Colors

XYZ(60.5129, 53.7916, 40.9117)

Have a look what the booklet for
XYZ(60.5129, 53.7916, 40.9117)
contains.

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Color

**XYZ(60.5129, 53.7916,
40.9117)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B1A1
RGB	247, 177, 161
RGB Percent	97%, 69%, 63%
CMY	0.0314, 0.3059, 0.3686
CMYK	0.00, 0.28, 0.35, 0.03
HSL	11°, 84%, 80%
HSV	11°, 35%, 97%
XYZ	60.5129, 53.7916, 40.9117
YIQ	196.1060, 46.8560, 9.8640

Conversions

Conversions Part 2

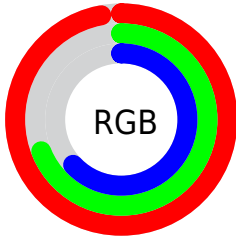
Format	Color
R _Y B	247, 181, 161
Decimal	16232865
CIE Lab	78.34, 23.50, 18.34
CIE LCh	78, 29.806, 37.964
Yxy	53.7916, 0.3899, 0.3466
Android (android.graphics.Color)	4294422945 (0xFFFF7B1A1)
YUV	196.1060, -17.3073, 44.6340
Hunter-Lab	73.3428, 18.9251, 18.2671

Details

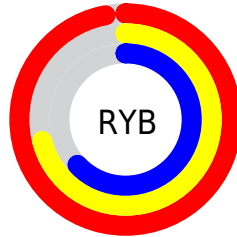
The XYZ color **60.5129, 53.7916, 40.9117** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.0613, 71.4418, 98.6198**, and the grayscale version is **52.6150, 55.3551, 60.2817**.

A 20% lighter version of the original color is **82.7736, 84.4957, 76.9124**, and **30.9542, 26.3382, 17.9203** is the 20% darker color. If you saturate the color by 10%, you get **54.8637, 45.6415, 29.3231**, and if you desaturate by 10%, it is **67.1801, 63.2889, 54.9634**.

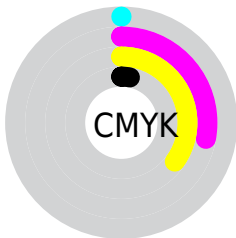
Distribution



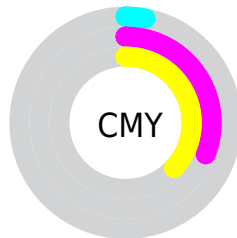
- Red (97%)
- Green (69%)
- Blue (63%)



- Red (97%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (28%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5129, 53.7916, 40.9117 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 60.5129, 53.7916, 40.9117 by changing the saturation by 10% instead.


 60.5129, 53.7916,
40.9117


 60.5129, 53.7916,
40.9117


416.2902,
401.3148, 365.6171

 44.0832, 38.4351,
27.9309


 104.6755, 95.7682,
77.8020

 30.9341, 26.3205,
18.0350


 133.1390,
123.1570, 102.5487

 20.7003, 17.0636,
10.8054


166.3446,
155.3255, 132.0544

 13.0163, 10.2798,
5.8236

204.6576,
192.6578, 166.7376

 7.5168, 5.5849,
2.6711

248.4433,
235.5386, 207.0170

 3.8366, 2.5944,
0.9288

298.0670,

 1.6101, 0.9238,

284.3520, 253.3110

0.0000

353.8942,
339.4827, 306.0382

■ 0.3990, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5129, 53.7916,
40.9117

■ 60.5129, 53.7916,
40.9117

■ 54.8637, 45.6415,
29.3231

■ 67.1801, 63.2889,
54.9634

■ 50.1775, 38.7696,
20.0518

■ 74.9084, 74.1828,
71.6060

■ 46.4000, 33.1127,
12.9416

■ 83.7436, 86.5296,
90.9623

■ 43.4700, 28.5986,
7.8154

■ 92.1678, 98.5142,
108.7651

■ 41.3180, 25.1476,
4.4681

■ 39.8621, 22.6687,
2.6486

■ 39.3335, 21.7256,
2.1204

Harmonies

Analogous

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



63.0892, 53.7916, 54.2210



60.5129, 53.7916, 40.9117



55.4624, 53.7916, 33.5067

Triad

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



60.5129, 53.7916, 40.9117



41.3981, 53.7916, 47.3013



52.7009, 53.7916, 96.5939

Complementary

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



60.5129, 53.7916, 40.9117



60.0613, 71.4418, 98.6198

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.



47.0242, 53.7916, 93.7722



60.5129, 53.7916, 40.9117



40.7819, 53.7916, 63.1453

Square

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



60.5129, 53.7916, 40.9117



44.5184, 53.7916, 36.6761



42.7661, 53.7916, 80.6937



58.3599, 53.7916, 87.7983

Rectangle

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



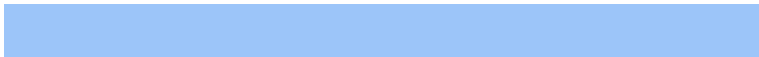
60.5129, 53.7916, 40.9117



51.5277, 53.7916, 31.9254



42.7661, 53.7916, 80.6937



50.7290, 53.7916, 96.9996

Sweetspot

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



60.5143, 53.7942, 40.9128



84.9456, 85.9307, 86.6045



65.5597, 51.0472, 82.1721



17.8990, 17.9971, 17.9181



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.



60.5143, 53.7942, 40.9128



60.5490, 51.3382, 34.6935



70.3230, 73.4117, 44.1824



16.7486, 16.9813, 17.1925



20.8768, 11.6391, 1.1462



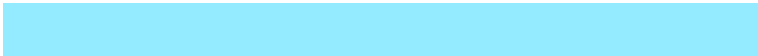
1.9017, 1.1565, 0.1230

Inverse Universe

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



60.0613, 71.4418, 98.6198



59.9725, 72.9623, 105.5300



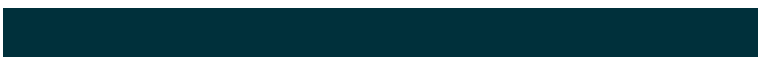
49.5201, 50.3593, 95.1060



16.7192, 18.2027, 21.1748



20.0272, 25.8482, 50.4717



1.8265, 2.4044, 4.4581

Previews

White Background



This preview shows how the XYZ color 60.5129, 53.7916, 40.9117 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 60.5129, 53.7916, 40.9117 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 60.5129, 53.7916, 40.9117

Background



This preview shows how black text looks on a background with the XYZ color 60.5129, 53.7916, 40.9117.



This preview shows how white text looks on a background with the XYZ color 60.5129, 53.7916,

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

60.5129, 53.7916, 40.9117

Protanopia

51.0818, 54.1447, 45.2948

Deuteranopia

55.0797, 54.0514, 40.3308



Tritanopia

63.2308, 53.7563, 53.4978

Trichromacy



Original Color

60.5129, 53.7916, 40.9117

Protanomaly

54.0796, 53.7797, 43.6066

Deuteranomaly

56.8829, 53.7287, 40.6303

Tritanomaly

62.1388, 53.5862, 48.6631

Monochromacy



Original Color

60.5129, 53.7916, 40.9117

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.7692, 54.2612, 52.3866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5129, 53.7916, 40.9117 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(247, 177, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 177, 161)  
}
```

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(247, 177, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 177, 161) }
```

Border

The CSS property to change the border of an element to XYZ 60.5129, 53.7916, 40.9117 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(247, 177, 161) }
```


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

```
.border{ border-color:rgb(247, 177, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 177, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 177, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 177, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 177,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5129, 53.7916, 40.9117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 177, 161) }
```

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

```
.background{ background-color: rgb(247,  
177, 161) }
```

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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