

Converting Colors

XYZ(60.9886, 54.9470, 49.4245)

Have a look what the booklet for
XYZ(60.9886, 54.9470, 49.4245)
contains.

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Color

**XYZ(61.1777, 55.1393,
49.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B5B2
RGB	242, 181, 178
RGB Percent	95%, 71%, 70%
CMY	0.0510, 0.2902, 0.3020
CMYK	0.00, 0.25, 0.26, 0.05
HSL	3°, 71%, 82%
HSV	3°, 26%, 95%
XYZ	61.1777, 55.1393, 49.5380
YIQ	198.8970, 37.3190, 11.9990

Conversions

Conversions Part 2

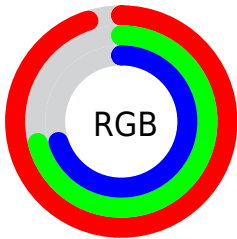
Format	Color
R _Y B	242, 181, 178
Decimal	15906226
CIE Lab	79.12, 21.70, 10.18
CIE LCh	79, 23.969, 25.130
Yxy	55.1393, 0.3689, 0.3325
Android (android.graphics.Color)	4294096306 (0xFFFF2B5B2)
YUV	198.8970, -10.3022, 37.8013
Hunter-Lab	74.2558, 17.1144, 12.4252

Details

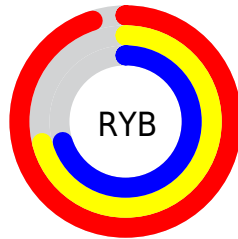
The XYZ color **61.1777, 55.1393, 49.5380** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.2528, 77.6065, 95.5451**, and the grayscale version is **54.2694, 57.0956, 62.1771**.

A 20% lighter version of the original color is **86.3755, 87.7689, 90.2305**, and **31.4284, 27.2333, 23.0021** is the 20% darker color. If you saturate the color by 10%, you get **54.6513, 45.6377, 36.4137**, and if you desaturate by 10%, it is **68.9121, 66.3701, 65.1808**.

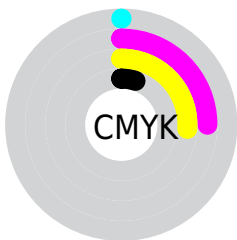
Distribution



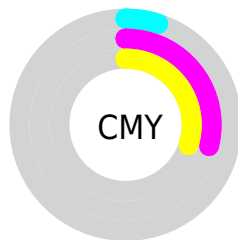
- Red (95%)
- Green (71%)
- Blue (70%)



- Red (95%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (5%)




- Cyan (5%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1777, 55.1393, 49.5380 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 61.1777, 55.1393, 49.5380 by changing the saturation by 10% instead.

 61.1777, 55.1393,
49.5380

 61.1777, 55.1393,
49.5380


418.6908,
406.4397, 401.5397

 44.6217, 39.5133,
34.6778


 105.6328, 97.7450,
90.8792

 31.3595, 27.1592,
23.1333


134.2627,
125.4935, 118.1974

 21.0260, 17.6929,
14.4857


167.6478,
158.0516, 150.5052

 13.2555, 10.7297,
8.3167

206.1537,
195.8036, 188.2214

 7.6830, 5.8854,
4.2076

250.1455,
239.1341, 231.7644

 3.9429, 2.7755,
1.7399

299.9887,

 1.6699, 1.0157,

288.4273, 281.5527

0.3879

356.0487,
344.0678, 338.0050

■ 0.4373, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1777, 55.1393,
49.5380

■ 61.1777, 55.1393,
49.5380

■ 54.6513, 45.6377,
36.4137

■ 68.9121, 66.3701,
65.1808

■ 49.2676, 37.7723,
25.6731

■ 77.9064, 79.4017,
83.4606

■ 44.9623, 31.4529,
17.1742

■ 88.2150, 94.3114,
104.4922

■ 41.6625, 26.5777,
10.7583

■ 90.4281, 97.6173,
108.6837

■ 39.2866, 23.0326,
6.2461

■ 37.7400, 20.6864,
3.4280

■ 36.9077, 19.3810,
2.0427

■ 36.7420, 19.1250,
1.7550

Harmonies

Analogous

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



62.1101, 55.1393, 62.2998



61.1777, 55.1393, 49.5380



57.8406, 55.1393, 40.9266

Triad

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



61.1777, 55.1393, 49.5380



45.2232, 55.1393, 46.2105



51.6318, 55.1393, 90.2701

Complementary

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



61.1777, 55.1393, 49.5380



65.2528, 77.6065, 95.5451

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.



47.3271, 55.1393, 84.3273



61.1777, 55.1393, 49.5380



43.7733, 55.1393, 57.8303

Square

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



61.1777, 55.1393, 49.5380



48.6010, 55.1393, 39.2200



44.5196, 55.1393, 71.9243



56.4093, 55.1393, 87.1612

Rectangle

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



61.1777, 55.1393, 49.5380



54.8025, 55.1393, 38.0203



44.5196, 55.1393, 71.9243



50.0848, 55.1393, 89.2418

Sweetspot

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



61.1792, 55.1419, 49.5391



86.0459, 86.9716, 90.5467



68.2472, 57.0020, 89.7401



18.0778, 18.1237, 18.6898



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.



61.1792, 55.1419, 49.5391



64.5894, 55.8282, 47.1101



68.2312, 69.2458, 51.8898



15.8323, 15.8777, 16.3800



19.7650, 10.3281, 0.9518



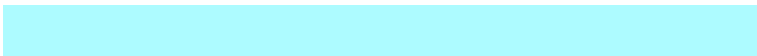
1.6651, 0.9008, 0.0861

Inverse Universe

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



65.2528, 77.6065, 95.5451



69.9222, 85.2500, 107.3773



56.9111, 60.9232, 92.7646



16.1801, 17.7943, 20.3035



23.9360, 34.0963, 50.4476



2.0107, 2.8754, 4.2033

Previews

White Background



This preview shows how the XYZ color 61.1777, 55.1393, 49.5380 looks on a white background.

Color Contrast Check

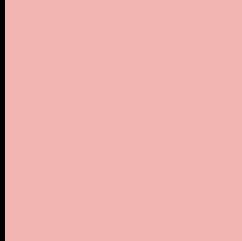
Large Text (above 18pt) WCAG AA × Fail

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 61.1777, 55.1393, 49.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

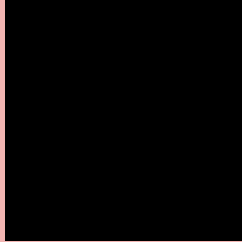
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1777, 55.1393, 49.5380

Background



This preview shows how black text looks on a background with the XYZ color 61.1777, 55.1393, 49.5380.



This preview shows how white text looks on a background with the XYZ color 61.1777, 55.1393,

49.5380.

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

61.1777, 55.1393, 49.5380

Protanopia

52.7352, 55.1319, 54.3165

Deuteranopia

56.1583, 55.0594, 48.7420



Tritanopia

63.0540, 55.3236, 57.8073

Trichromacy



Original Color

61.1777, 55.1393, 49.5380

Protanomaly

55.5760, 54.9975, 52.4862

Deuteranomaly

57.8078, 54.9501, 49.1546

Tritanomaly

62.3605, 55.3280, 54.9696

Monochromacy



Original Color

61.1777, 55.1393, 49.5380

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.2779, 55.9079, 57.1154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1777, 55.1393, 49.5380 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(242, 181, 178)` looks like.

```
.text, #text, p{  
    color:rgb(242, 181, 178)  
}
```

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(242, 181, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 181, 178) }
```

Border

The CSS property to change the border of an element to XYZ 61.1777, 55.1393, 49.5380 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(242, 181, 178) }
```


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

```
.border{ border-color:rgb(242, 181, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 181, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 181, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 181, 178);  
box-shadow:4px 4px 4px 4px rgb(242, 181,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1777, 55.1393, 49.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 181, 178) }
```

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

```
.background{ background-color: rgb(242,  
181, 178) }
```

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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