

Converting Colors

XYZ(61.7101, 55.7248, 30.4997)

Have a look what the booklet for
XYZ(61.7101, 55.7248, 30.4997)
contains.

XYZ(61.7701, 55.8678, 30.4496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.7701, 55.8678,
30.4496)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB587
RGB	254, 181, 135
RGB Percent	100%, 71%, 53%
CMY	0.0039, 0.2902, 0.4706
CMYK	0.00, 0.29, 0.47, 0.00
HSL	23°, 98%, 76%
HSV	23°, 47%, 100%
XYZ	61.7701, 55.8678, 30.4496
YIQ	197.5830, 58.2740, 1.1700

Conversions

Conversions Part 2

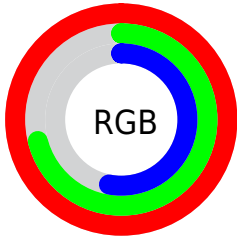
Format	Color
R_{YB}	254, 210, 135
Decimal	16692615
CIE Lab	79.54, 21.29, 33.93
CIE LCh	80, 40.059, 57.894
Yxy	55.8678, 0.4171, 0.3773
Android (android.graphics.Color)	4294882695 (0xFFFE587)
YUV	197.5830, -30.8534, 49.4777
Hunter-Lab	74.7448, 16.7115, 28.1677

Details

The XYZ color **61.7701, 55.8678, 30.4496** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.4360, 57.4161, 102.1899**, and the grayscale version is **53.5811, 56.3715, 61.3885**.

A 20% lighter version of the original color is **80.7095, 85.5025, 60.3939**, and **31.8645, 27.6963, 12.2608** is the 20% darker color. If you saturate the color by 10%, you get **57.1980, 49.2522, 21.1304**, and if you desaturate by 10%, it is **67.1259, 63.3681, 42.1356**.

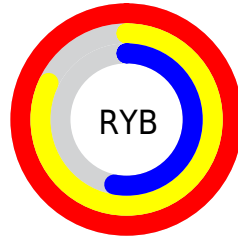
Distribution



Red (100%)

Green (71%)

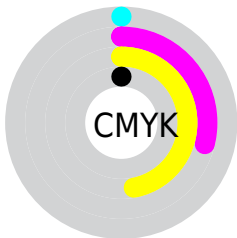
Blue (53%)



Red (100%)

Yellow (82%)

Blue (53%)

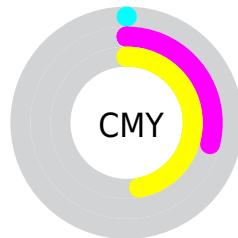


Cyan (0%)

Magenta (29%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7701, 55.8678, 30.4496 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 61.7701, 55.8678, 30.4496 by changing the saturation by 10% instead.


 61.7701, 55.8678,
30.4496


 61.7701, 55.8678,
30.4496


420.8229,
409.1931, 318.2669

 45.1019, 40.0969,
19.9252


 106.4850, 98.8113,
61.4419

 31.7393, 27.6141,
12.1571


 135.2624,
126.7527, 82.7467

 21.3170, 18.0350,
6.7269


 168.8068,
159.5197, 108.4822

 13.4697, 10.9751,
3.2161

207.4837,
197.4967, 139.0668

 7.8320, 6.0501,
1.2060

251.6585,
241.0682, 174.9190

 4.0385, 2.8756,
0.0000

301.6963,

 1.7240, 1.0671,

290.6185, 216.4574

0.0000

357.9627,
346.5320, 264.1005

0.4712, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.7701, 55.8678,
30.4496

61.7701, 55.8678,
30.4496

57.1980, 49.2522,
21.1304

67.1259, 63.3681,
42.1356

53.3629, 43.4776,
14.0085

73.3001, 71.7781,
56.3352

50.2191, 38.5082,
8.8968

80.3301, 81.1320,
73.1869

47.7126, 34.3017,
5.5747

88.2497, 91.4595,
92.8182

■ 45.7775, 30.8097, 94.6830, 99.8108,
3.7639 108.8828

■ 45.2591, 29.8430,
3.3749

Harmonies

Analogous

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



68.0080, 55.8678, 42.3404



61.7701, 55.8678, 30.4496



53.6722, 55.8678, 26.3851

Triad

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



61.7701, 55.8678, 30.4496



39.0713, 55.8678, 59.2140



60.6854, 55.8678, 109.0900

Complementary

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



61.7701, 55.8678, 30.4496



50.4360, 57.4161, 102.1899

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.



52.5332, 55.8678, 116.8332



61.7701, 55.8678, 30.4496



40.5484, 55.8678, 84.0453

Square

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



61.7701, 55.8678, 30.4496



41.0260, 55.8678, 40.1600



45.2829, 55.8678, 106.7000



67.3386, 55.8678, 87.5988

Rectangle

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



61.7701, 55.8678, 30.4496



48.4802, 55.8678, 27.6167



45.2829, 55.8678, 106.7000



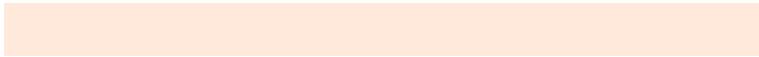
58.0057, 55.8678, 113.5929

Sweetspot

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



61.7715, 55.8705, 30.4507



83.2334, 84.7257, 79.1919



60.9697, 42.9722, 65.0034



17.4599, 17.6683, 16.0781



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.



61.7715, 55.8705, 30.4507



58.0691, 50.2210, 22.0207



76.4407, 85.2090, 35.3404



18.5851, 19.1385, 18.8589



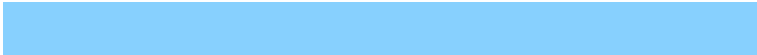
23.9934, 15.9980, 1.8233



2.4382, 1.7618, 0.2116

Inverse Universe

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



50.4360, 57.4161, 102.1899



45.3640, 51.8908, 102.2327



38.6105, 33.7653, 98.2481



17.9307, 19.2330, 23.0172



15.8293, 16.5681, 51.7983



1.6473, 1.8252, 5.0788

Previews

White Background



This preview shows how the XYZ color 61.7701, 55.8678, 30.4496 looks on a white background.

Color Contrast Check

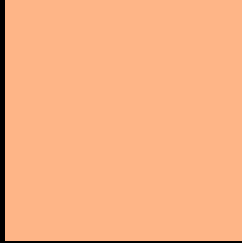
Large Text (above 18pt) WCAG AA × Fail

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 61.7701, 55.8678, 30.4496 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 61.7701, 55.8678, 30.4496

Background



This preview shows how black text looks on a background with the XYZ color 61.7701, 55.8678, 30.4496.



This preview shows how white text looks on a background with the XYZ color 61.7701, 55.8678,

30.4496.

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

61.7701, 55.8678, 30.4496

Protanopia

52.2893, 56.0316, 33.6504

Deuteranopia

57.0233, 55.9215, 29.9788



Tritanopia

65.8424, 55.9415, 54.9045

Trichromacy



Original Color

61.7701, 55.8678, 30.4496

Protanomaly

55.2859, 55.6197, 32.2479

Deuteranomaly

58.8241, 55.8937, 30.2425

Tritanomaly

64.3218, 55.9654, 44.9484

Monochromacy



Original Color

61.7701, 55.8678, 30.4496

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.5009, 55.6998, 48.3834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7701, 55.8678, 30.4496 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(254, 181, 135)` looks like.

```
.text, #text, p{  
    color:rgb(254, 181, 135)  
}
```

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(254, 181, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 181, 135) }
```

Border

The CSS property to change the border of an element to XYZ 61.7701, 55.8678, 30.4496 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(254, 181, 135) }
```


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

```
.border{ border-color:rgb(254, 181, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 181, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 181, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 181, 135);  
box-shadow:4px 4px 4px 4px rgb(254, 181,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7701, 55.8678, 30.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 181, 135) }
```

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

```
.background{ background-color: rgb(254,  
181, 135) }
```

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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