

Converting Colors

XYZ(124.7271, 86.8915,
33.9894)

Have a look what the booklet for
XYZ(124.7271, 86.8915, 33.9894)
contains.

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Color

**XYZ(61.2807, 54.1168,
30.8827)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB089
RGB	255, 176, 137
RGB Percent	100%, 69%, 54%
CMY	0.0000, 0.3098, 0.4627
CMYK	0.00, 0.31, 0.46, 0.00
HSL	20°, 100%, 77%
HSV	20°, 46%, 100%
XYZ	61.2807, 54.1168, 30.8827
YIQ	195.1750, 59.6030, 4.6190

Conversions

Conversions Part 2

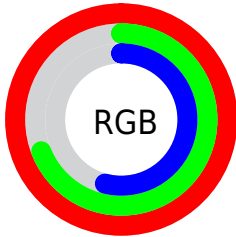
Format	Color
R _Y B	255, 195, 137
Decimal	16756873
CIE Lab	78.53, 24.49, 31.58
CIE LCh	79, 39.962, 52.201
Yxy	54.1168, 0.4189, 0.3700
Android (android.graphics.Color)	4294946953 (0xFFFFB089)
YUV	195.1750, -28.6803, 52.4665
Hunter-Lab	73.5641, 19.9576, 26.6046

Details

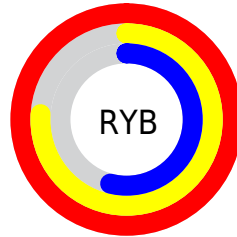
The XYZ color **61.2807, 54.1168, 30.8827** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.9213, 61.6475, 103.7174**, and the grayscale version is **52.1181, 54.8323, 59.7123**.

A 20% lighter version of the original color is **79.5006, 82.7348, 61.0695**, and **31.5682, 26.5898, 12.4853** is the 20% darker color. If you saturate the color by 10%, you get **56.5240, 47.1930, 21.3142**, and if you desaturate by 10%, it is **66.8933, 62.0607, 42.8700**.

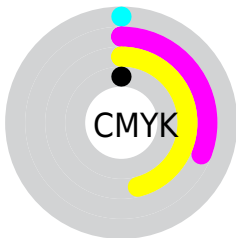
Distribution



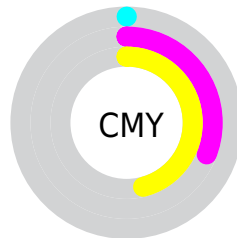
- Red (100%)
- Green (69%)
- Blue (54%)



- Red (100%)
- Yellow (76%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2807, 54.1168, 30.8827 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 61.2807, 54.1168, 30.8827 by changing the saturation by 10% instead.


 61.2807, 54.1168,
30.8827

 61.2807, 54.1168,
30.8827


419.0619,
402.5552, 320.3320

 44.7051, 38.6950,
20.2518


 105.7811, 96.2457,
62.1328

 31.4255, 26.5226,
12.3923


 134.4366,
123.7217, 83.5890

 21.0765, 17.2150,
6.8857


 167.8495,
155.9845, 109.4908

 13.2927, 10.3879,
3.3134

206.3851,
193.4186, 140.2567

 7.7088, 5.6569,
1.2568

250.4088,
236.4083, 176.3053

 3.9594, 2.6376,
0.0260

300.2860,

 1.6792, 0.9456,

285.3380, 218.0550

0.0000

356.3819,
340.5922, 265.9244

0.4432, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.2807, 54.1168,
30.8827

61.2807, 54.1168,
30.8827

56.5240, 47.1930,
21.3142

66.8933, 62.0607,
42.8700

52.5726, 41.2378,
13.9933

73.4004, 71.0573,
57.4247

49.3765, 36.2067,
8.7310

80.8430, 81.1477,
74.6873

46.8768, 32.0482,
5.3055

89.2581, 92.3680,
94.7870

■ 45.0034, 28.7037, 95.0499, 100.0000,
3.4413 108.9000

■ 44.4329, 27.6460,
2.9943

Harmonies

Analogous

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



66.7594, 54.1168, 44.0170



61.2807, 54.1168, 30.8827



53.5175, 54.1168, 25.5689

Triad

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



61.2807, 54.1168, 30.8827



37.8521, 54.1168, 53.2360



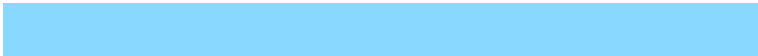
57.3695, 54.1168, 108.8529

Complementary

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



61.2807, 54.1168, 30.8827



52.9213, 61.6475, 103.7174

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.



49.4099, 54.1168, 113.1422



61.2807, 54.1168, 30.8827



38.6582, 54.1168, 76.8656

Square

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



61.2807, 54.1168, 30.8827



40.3808, 54.1168, 36.1515



42.7072, 54.1168, 100.2358



64.3455, 54.1168, 89.6805

Rectangle

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



61.2807, 54.1168, 30.8827



48.3038, 54.1168, 25.9017



42.7072, 54.1168, 100.2358



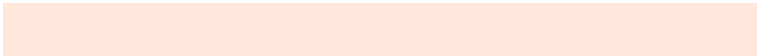
54.7016, 54.1168, 112.2515

Sweetspot

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



61.2820, 54.1195, 30.8838



82.6699, 83.5986, 79.0041



62.7928, 44.1946, 71.2995



17.3235, 17.3955, 16.0326



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.



61.2820, 54.1195, 30.8838



56.6434, 47.3696, 21.5455



74.9982, 81.5519, 35.4558



18.4998, 18.9678, 18.8304



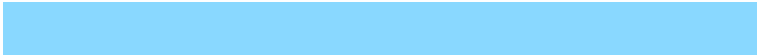
23.3384, 14.6881, 1.6050



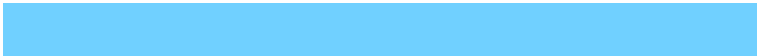
2.3676, 1.6206, 0.1880

Inverse Universe

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



52.9213, 61.6475, 103.7174



47.2639, 55.6905, 102.8660



40.7022, 37.2093, 99.6444



18.0193, 19.4101, 23.0468



17.1547, 19.2191, 52.2401



1.7705, 2.0717, 5.1198

Previews

White Background



This preview shows how the XYZ color 61.2807, 54.1168, 30.8827 looks on a white background.

Color Contrast Check

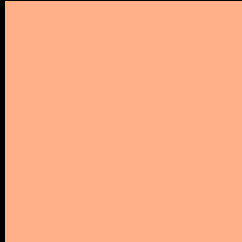
Large Text (above 18pt) WCAG AA × Fail

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 61.2807, 54.1168, 30.8827 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 61.2807, 54.1168, 30.8827

Background



This preview shows how black text looks on a background with the XYZ color 61.2807, 54.1168, 30.8827.



This preview shows how white text looks on a background with the XYZ color 61.2807, 54.1168,

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

61.2807, 54.1168, 30.8827

Protanopia

50.6971, 54.1832, 34.5744

Deuteranopia

55.2108, 54.0229, 30.4392



Tritanopia

64.6443, 54.2257, 52.4069

Trichromacy



Original Color

61.2807, 54.1168, 30.8827

Protanomaly

54.0168, 53.6624, 33.1021

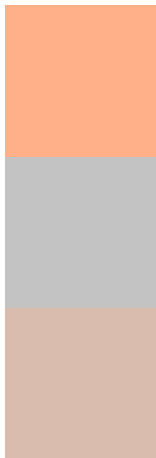
Deuteranomaly

57.1071, 53.7587, 30.6592

Tritanomaly

63.1586, 53.9372, 43.6413

Monochromacy



Original Color

61.2807, 54.1168, 30.8827

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.2385, 53.7741, 47.5652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2807, 54.1168, 30.8827 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(255, 176, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 137)  
}
```

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(255, 176, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 137) }
```

Border

The CSS property to change the border of an element to XYZ 61.2807, 54.1168, 30.8827 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(255, 176, 137) }
```


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

```
.border{ border-color:rgb(255, 176, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2807, 54.1168, 30.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 137) }
```

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

```
.background{ background-color: rgb(255,  
176, 137) }
```

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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