

Converting Colors

XYZ(61.6569, 55.0022, 30.5984)

Have a look what the booklet for
XYZ(61.6569, 55.0022, 30.5984)
contains.

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Color

**XYZ(61.6043, 54.8784,
30.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB288
RGB	255, 178, 136
RGB Percent	100%, 70%, 53%
CMY	0.0000, 0.3019, 0.4667
CMYK	0.00, 0.30, 0.47, 0.00
HSL	21°, 100%, 77%
HSV	21°, 47%, 100%
XYZ	61.6043, 54.8784, 30.6382
YIQ	196.2350, 59.3740, 3.2620

Conversions

Conversions Part 2

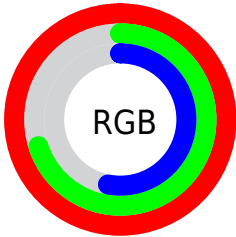
Format	Color
R _Y B	255, 201, 136
Decimal	16757384
CIE Lab	78.97, 23.35, 32.69
CIE LCh	79, 40.168, 54.460
Yxy	54.8784, 0.4187, 0.3730
Android (android.graphics.Color)	4294947464 (0xFFFFB288)
YUV	196.2350, -29.6959, 51.5369
Hunter-Lab	74.0800, 18.7992, 27.3346

Details

The XYZ color **61.6043, 54.8784, 30.6382** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.9963, 60.0399, 103.4557**, and the grayscale version is **52.7594, 55.5070, 60.4471**.

A 20% lighter version of the original color is **79.9571, 83.8233, 60.6805**, and **31.7783, 27.0749, 12.3552** is the 20% darker color. If you saturate the color by 10%, you get **56.9156, 48.0644, 21.1730**, and if you desaturate by 10%, it is **67.1217, 62.6599, 42.5074**.

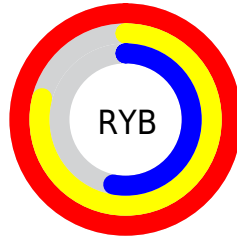
Distribution



Red (100%)

Green (70%)

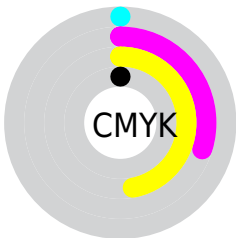
Blue (53%)



Red (100%)

Yellow (79%)

Blue (53%)

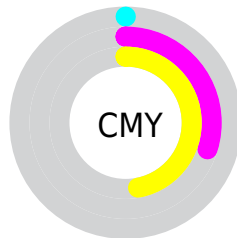


Cyan (0%)

Magenta (30%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6043, 54.8784, 30.6382 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 61.6043, 54.8784, 30.6382 by changing the saturation by 10% instead.


 61.6043, 54.8784,
30.6382

 61.6043, 54.8784,
30.6382


420.2268,
405.4508, 319.1674


 44.9674, 39.3044,
20.0674


 106.2466, 97.3628,
61.7429

 31.6329, 26.9966,
12.2594


 134.9827,
125.0419, 83.1138

 21.2355, 17.5707,
6.7959


 168.4827,
157.5249, 108.9218

 13.4097, 10.6422,
3.2583

207.1118,
195.1960, 139.5855

 7.7902, 5.8268,
1.2280

251.2354,
238.4398, 175.5234

 4.0117, 2.7400,
0.0017

301.2189,

 1.7087, 0.9976,

287.6406, 217.1539

0.0000

357.4276,
343.1828, 264.8958

0.4617, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.6043, 54.8784,
30.6382

61.6043, 54.8784,
30.6382

56.9156, 48.0644,
21.1730

67.1217, 62.6599,
42.5074

53.0065, 42.1696,
13.9405

73.5050, 71.4385,
56.9294

49.8283, 37.1529,
8.7512

80.7937, 81.2524,
74.0445

47.3241, 32.9665,
5.3824

89.0238, 92.1354,
93.9818

■ 45.4250, 29.5558, 95.0498, 99.9999,
3.5548 108.9000

■ 44.8971, 28.5744,
3.1491

Harmonies

Analogous

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



67.4224, 54.8784, 43.3322



61.6043, 54.8784, 30.6382



53.6568, 54.8784, 25.8013

Triad

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



61.6043, 54.8784, 30.6382



38.3214, 54.8784, 55.6075



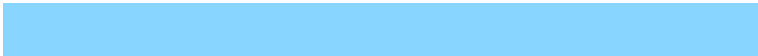
58.7797, 54.8784, 109.3845

Complementary

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



61.6043, 54.8784, 30.6382



51.9963, 60.0399, 103.4557

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.



50.6918, 54.8784, 115.0791



61.6043, 54.8784, 30.6382



39.3949, 54.8784, 79.8731

Square

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



61.6043, 54.8784, 30.6382



40.6371, 54.8784, 37.6636



43.7344, 54.8784, 103.1535



65.6786, 54.8784, 89.1327

Rectangle

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



61.6043, 54.8784, 30.6382



48.4194, 54.8784, 26.4856



43.7344, 54.8784, 103.1535



56.0890, 54.8784, 113.2506

Sweetspot

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



61.6057, 54.8811, 30.6393



82.8947, 84.0483, 79.0790



62.0990, 43.6906, 68.3443



17.3779, 17.5043, 16.0508



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.



61.6057, 54.8811, 30.6393



57.2034, 48.4895, 21.7321



76.0115, 83.6927, 35.4412



18.5339, 19.0360, 18.8418



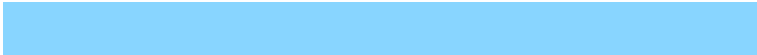
23.5864, 15.1840, 1.6877



2.3948, 1.6749, 0.1971

Inverse Universe

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



51.9963, 60.0399, 103.4557



46.4916, 54.1459, 102.6086



39.7346, 35.5165, 99.3685



17.9837, 19.3390, 23.0349



16.6066, 18.1229, 52.0574



1.7198, 1.9703, 5.1029

Previews

White Background



This preview shows how the XYZ color 61.6043, 54.8784, 30.6382 looks on a white background.

Color Contrast Check

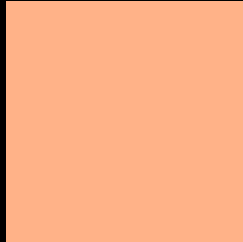
Large Text (above 18pt) WCAG AA × Fail

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 61.6043, 54.8784, 30.6382 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 61.6043, 54.8784, 30.6382

Background



This preview shows how black text looks on a background with the XYZ color 61.6043, 54.8784, 30.6382.



This preview shows how white text looks on a background with the XYZ color 61.6043, 54.8784,

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

61.6043, 54.8784, 30.6382

Protanopia

51.3523, 55.1951, 34.3327

Deuteranopia

56.0051, 54.7543, 30.1711



Tritanopia

65.1330, 55.0349, 53.0889

Trichromacy



Original Color

61.6043, 54.8784, 30.6382

Protanomaly

54.3693, 54.4870, 32.8508

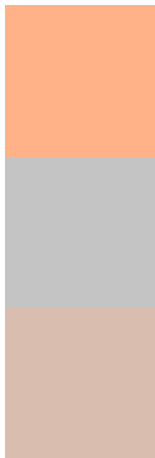
Deuteranomaly

58.1316, 54.9075, 30.4560

Tritanomaly

63.5450, 54.7100, 43.7701

Monochromacy



Original Color

61.6043, 54.8784, 30.6382

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.4528, 54.2029, 47.6366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6043, 54.8784, 30.6382 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, 178, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 136)  
}
```

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, 178, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 136) }
```

Border

The CSS property to change the border of an element to XYZ 61.6043, 54.8784, 30.6382 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, 178, 136) }
```


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

```
.border{ border-color:rgb(255, 178, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6043, 54.8784, 30.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 136) }
```

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

```
.background{ background-color: rgb(255,  
178, 136) }
```

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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