

Converting Colors

XYZ(73.4391, 64.0361, 30.2837)

Have a look what the booklet for
XYZ(73.4391, 64.0361, 30.2837)
contains.

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Color

**XYZ(63.3881, 58.8924,
29.8562)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC84
RGB	255, 188, 132
RGB Percent	100%, 74%, 52%
CMY	0.0000, 0.2627, 0.4823
CMYK	0.00, 0.26, 0.48, 0.00
HSL	27°, 100%, 76%
HSV	27°, 48%, 100%
XYZ	63.3881, 58.8924, 29.8562
YIQ	201.6490, 57.9080, -3.2120

Conversions

Conversions Part 2

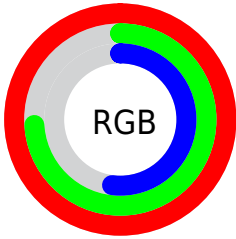
Format	Color
R _Y B	255, 235, 132
Decimal	16759940
CIE Lab	81.23, 17.74, 37.71
CIE LCh	81, 41.672, 64.807
Yxy	58.8924, 0.4167, 0.3871
Android (android.graphics.Color)	4294950020 (0xFFFFBC84)
YUV	201.6490, -34.3370, 46.7888
Hunter-Lab	76.7414, 13.1429, 30.6522

Details

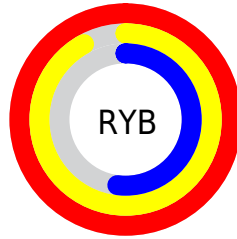
The XYZ color **63.3881, 58.8924, 29.8562** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.9882, 52.9701, 102.3025**, and the grayscale version is **56.1035, 59.0252, 64.2784**.

A 20% lighter version of the original color is **82.4536, 89.5065, 59.3851**, and **32.9141, 29.6578, 11.7743** is the 20% darker color. If you saturate the color by 10%, you get **59.0264, 52.6286, 20.8202**, and if you desaturate by 10%, it is **68.4647, 65.9036, 41.2355**.

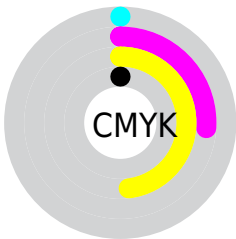
Distribution



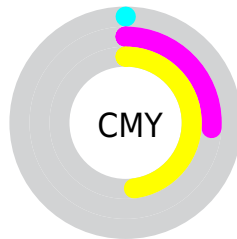
- Red (100%)
- Green (74%)
- Blue (52%)



- Red (100%)
- Yellow (92%)
- Blue (52%)



- Cyan (0%)
- Magenta (26%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3881, 58.8924, 29.8562 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 63.3881, 58.8924, 29.8562 by changing the saturation by 10% instead.


 63.3881, 58.8924,
29.8562

 63.3881, 58.8924,
29.8562


426.6139,
420.5031, 315.4200


 46.4151, 42.5265,
19.4783


 108.8079,
103.2213, 60.4930

 32.7795, 29.5138,
11.8361


 137.9854,
131.9530, 81.5890

 22.1160, 19.4698,
6.5110


 171.9617,
165.5755, 107.0949

 14.0592, 12.0103,
3.0845

211.1023,
204.4732, 137.4290

 8.2439, 6.7507,
1.1379

255.7725,
249.0304, 173.0101

 4.3045, 3.3067,
0.0000

306.3375,

 1.8758, 1.2939,

299.6315, 214.2566

0.0000

363.1629,
356.6609, 261.5870

0.5627, 0.1364,
0.0000

0.0000, 0.0000,
0.0000

63.3881, 58.8924,
29.8562

63.3881, 58.8924,
29.8562

59.0264, 52.6286,
20.8202

68.4647, 65.9036,
41.2355

55.3357, 47.0750,
13.9548

74.2881, 73.6804,
55.1070

52.2729, 42.2033,
9.0688

80.8930, 82.2510,
71.6111

49.7868, 37.9787,
5.9350

88.3107, 91.6391,
90.8768

■ 47.8094, 34.3594, 95.0499, 100.0000,
4.2415 108.9000

■ 47.4979, 33.7760,
4.0160

Harmonies

Analogous

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



70.8350, 58.8924, 40.5177



63.3881, 58.8924, 29.8562



54.5879, 58.8924, 27.3012

Triad

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



63.3881, 58.8924, 29.8562



40.9311, 58.8924, 68.2149



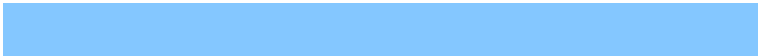
66.0576, 58.8924, 111.9469

Complementary

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



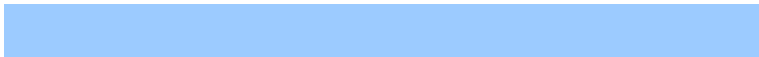
63.3881, 58.8924, 29.8562



47.9882, 52.9701, 102.3025

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.



57.3863, 58.8924, 124.5535



63.3881, 58.8924, 29.8562



43.3545, 58.8924, 95.4761

Square

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



63.3881, 58.8924, 29.8562



42.1851, 58.8924, 45.8462



49.1645, 58.8924, 117.8577



72.4846, 58.8924, 86.7092

Rectangle

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



63.3881, 58.8924, 29.8562



49.2582, 58.8924, 29.7744



49.1645, 58.8924, 117.8577



63.2773, 58.8924, 118.0624

Sweetspot

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



63.3895, 58.8953, 29.8574



83.9333, 86.1255, 79.4252



59.8759, 41.9168, 59.3647



17.6297, 18.0079, 16.1347



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.



63.3895, 58.8953, 29.8574



59.1210, 52.7675, 21.0066



79.2342, 90.5845, 35.1389



18.6907, 19.3495, 18.8941



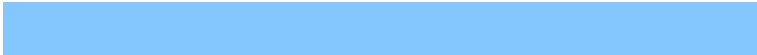
24.9637, 17.9385, 2.1468



2.5382, 1.9617, 0.2449

Inverse Universe

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



47.9882, 52.9701, 102.3025



42.0353, 46.1718, 101.3043



36.6762, 30.3462, 98.5319



17.8229, 19.0175, 22.9813



14.3987, 13.7070, 51.3214



1.5112, 1.5531, 5.0334

Previews

White Background



This preview shows how the XYZ color 63.3881, 58.8924, 29.8562 looks on a white background.

Color Contrast Check

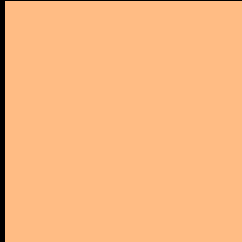
Large Text (above 18pt) WCAG AA × Fail

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 63.3881, 58.8924, 29.8562 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 63.3881, 58.8924, 29.8562

Background



This preview shows how black text looks on a background with the XYZ color 63.3881, 58.8924, 29.8562.



This preview shows how white text looks on a background with the XYZ color 63.3881, 58.8924,

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

63.3881, 58.8924, 29.8562

Protanopia

54.9214, 59.1361, 32.5645

Deuteranopia

60.1288, 58.8333, 29.6596



Tritanopia

68.0238, 59.0671, 59.4456

Trichromacy



Original Color

63.3881, 58.8924, 29.8562

Protanomaly

57.6889, 58.8659, 31.6143

Deuteranomaly

61.0853, 58.6745, 29.5785

Tritanomaly

66.0354, 58.9365, 46.9252

Monochromacy



Original Color

63.3881, 58.8924, 29.8562

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.7209, 58.4790, 49.8403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3881, 58.8924, 29.8562 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, 188, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 132)  
}
```

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, 188, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 132) }
```

Border

The CSS property to change the border of an element to XYZ 63.3881, 58.8924, 29.8562 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, 188, 132) }
```


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

```
.border{ border-color:rgb(255, 188, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3881, 58.8924, 29.8562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 132) }
```

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

```
.background{ background-color: rgb(255,  
188, 132) }
```

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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