

Converting Colors

XYZ(76.0946, 63.8851, 30.5777)

Have a look what the booklet for
XYZ(76.0946, 63.8851, 30.5777)
contains.

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Color

**XYZ(62.4071, 56.8204,
29.8685)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB785
RGB	255, 183, 133
RGB Percent	100%, 72%, 52%
CMY	0.0000, 0.2823, 0.4784
CMYK	0.00, 0.28, 0.48, 0.00
HSL	25°, 100%, 76%
HSV	25°, 48%, 100%
XYZ	62.4071, 56.8204, 29.8685
YIQ	198.8280, 58.9620, -0.2860

Conversions

Conversions Part 2

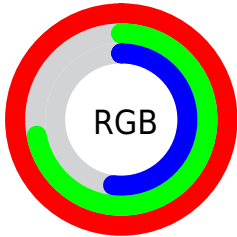
Format	Color
RYB	255, 218, 133
Decimal	16758661
CIELab	80.08, 20.45, 35.70
CIELCh	80, 41.142, 60.198
Yxy	56.8204, 0.4186, 0.3811
Android (android.graphics.Color)	4294948741 (0xFFFFB785)
YUV	198.8280, -32.4532, 49.2628
Hunter-Lab	75.3793, 15.8677, 29.2723

Details

The XYZ color **62.4071, 56.8204, 29.8685** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.5531, 55.8668, 102.7791**, and the grayscale version is **54.3491, 57.1794, 62.2684**.

A 20% lighter version of the original color is **81.0761, 86.5809, 59.4523**, and **32.3089, 28.3256, 11.9481** is the 20% darker color. If you saturate the color by 10%, you get **57.9152, 50.3221, 20.7094**, and if you desaturate by 10%, it is **67.6613, 64.1590, 41.3924**.

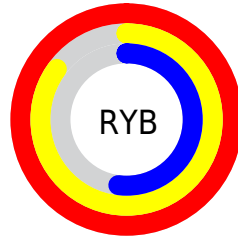
Distribution



Red (100%)

Green (72%)

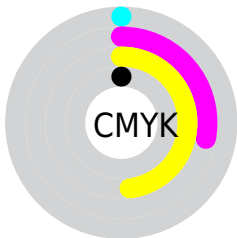
Blue (52%)



Red (100%)

Yellow (85%)

Blue (52%)

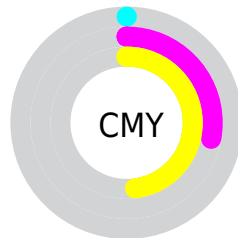


Cyan (0%)

Magenta (28%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (28%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4071, 56.8204, 29.8685 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 62.4071, 56.8204, 29.8685 by changing the saturation by 10% instead.

 62.4071, 56.8204,
29.8685


 62.4071, 56.8204,
29.8685


423.1084,
412.7760, 315.4792


 45.6186, 40.8611,
19.4876


 107.4003,
100.2031, 60.5127

 32.1483, 28.2105,
11.8428

 136.3357,
128.3952, 81.6131

 21.6309, 18.4844,
6.5155


 170.0508,
161.4337, 107.1237

 13.7010, 11.2983,
3.0872

208.9108,
199.7030, 137.4631

 7.9933, 6.2679,
1.1393

253.2813,
243.5875, 173.0498

 4.1424, 3.0086,
0.0000

303.5275,

 1.7830, 1.1362,

293.4716, 214.3024

0.0000

360.0147,
349.7396, 261.6393

■ 0.5074, 0.0087,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4071, 56.8204,
29.8685

■ 62.4071, 56.8204,
29.8685

■ 57.9152, 50.3221,
20.7094

■ 67.6613, 64.1590,
41.3924

■ 54.1396, 44.6224,
13.7425

■ 73.7118, 72.3608,
55.4303

■ 51.0348, 39.6880,
8.7768

■ 80.5956, 81.4579,
72.1228

■ 48.5472, 35.4789,
5.5858

■ 88.3455, 91.4782,
91.5992

■ 46.6080, 31.9480, 95.0499, 99.9999,
3.8681 108.9000

■ 46.2427, 31.2656,
3.5976

Harmonies

Analogous

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



69.1461, 56.8204, 41.4571



62.4071, 56.8204, 29.8685



53.9503, 56.8204, 26.2719

Triad

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



62.4071, 56.8204, 29.8685



39.4565, 56.8204, 62.0276



62.5135, 56.8204, 110.8730

Complementary

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



62.4071, 56.8204, 29.8685



49.5531, 55.8668, 102.7791

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.



54.0619, 56.8204, 120.3610



62.4071, 56.8204, 29.8685



41.2550, 56.8204, 88.0717

Square

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



62.4071, 56.8204, 29.8685



41.2084, 56.8204, 41.6692



46.3950, 56.8204, 111.1088



69.2119, 56.8204, 87.7221

Rectangle

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



62.4071, 56.8204, 29.8685



48.6371, 56.8204, 27.9060



46.3950, 56.8204, 111.1088



59.7563, 56.8204, 115.9974

Sweetspot

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



62.4085, 56.8232, 29.8696



83.4694, 85.1977, 79.2706



60.7926, 42.5014, 63.5198



17.5171, 17.7827, 16.0972



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.



62.4085, 56.8232, 29.8696



58.2656, 50.8385, 21.3940



77.4644, 86.9349, 34.8882



18.6208, 19.2097, 18.8708



24.3010, 16.6132, 1.9259



2.4704, 1.8262, 0.2223

Inverse Universe

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



49.5531, 55.8668, 102.7791



44.0471, 49.7328, 101.8856



37.8793, 32.5191, 98.8878



17.8941, 19.1597, 23.0050



15.3210, 15.5516, 51.6288



1.5993, 1.7294, 5.0628

Previews

White Background



This preview shows how the XYZ color 62.4071, 56.8204, 29.8685 looks on a white background.

Color Contrast Check

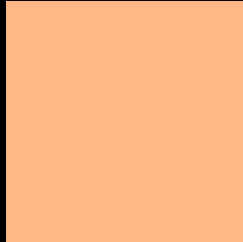
Large Text (above 18pt) WCAG AA × Fail

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 62.4071, 56.8204, 29.8685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

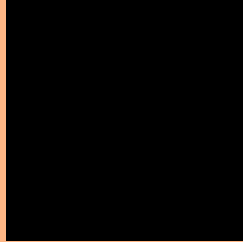
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4071, 56.8204, 29.8685

Background



This preview shows how black text looks on a background with the XYZ color 62.4071, 56.8204, 29.8685.



This preview shows how white text looks on a background with the XYZ color 62.4071, 56.8204,

29.8685.

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

62.4071, 56.8204, 29.8685

Protanopia

53.1814, 57.1874, 33.0462

Deuteranopia

58.1749, 56.8436, 29.7356



Tritanopia

66.4547, 56.8185, 56.1797

Trichromacy



Original Color

62.4071, 56.8204, 29.8685

Protanomaly

56.2184, 56.7691, 31.6614

Deuteranomaly

59.5914, 56.6191, 29.6176

Tritanomaly

64.7227, 56.7671, 45.0820

Monochromacy



Original Color

62.4071, 56.8204, 29.8685

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.0212, 56.2951, 48.4709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4071, 56.8204, 29.8685 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, 183, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 133)  
}
```

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, 183, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 133) }
```

Border

The CSS property to change the border of an element to XYZ 62.4071, 56.8204, 29.8685 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, 183, 133) }
```


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

```
.border{ border-color:rgb(255, 183, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4071, 56.8204, 29.8685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 133) }
```

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

```
.background{ background-color: rgb(255,  
183, 133) }
```

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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