

Converting Colors

XYZ(61.8140, 55.6779, 29.5359)

Have a look what the booklet for
XYZ(61.8140, 55.6779, 29.5359)
contains.

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Color

**XYZ(61.7949, 55.5960,
29.6645)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFB485 |
| RGB | 255, 180, 133 |
| RGB Percent | 100%, 71%, 52% |
| CMY | 0.0000, 0.2941, 0.4784 |
| CMYK | 0.00, 0.29, 0.48, 0.00 |
| HSL | 23°, 100%, 76% |
| HSV | 23°, 48%, 100% |
| XYZ | 61.7949, 55.5960, 29.6645 |
| YIQ | 197.0670, 59.7870, 1.2830 |

Conversions

Conversions Part 2

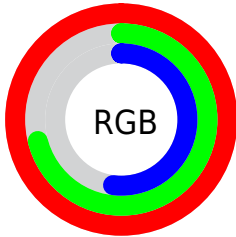
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 209, 133 |
| Decimal | 16757893 |
| CIE Lab | 79.38, 22.02, 34.80 |
| CIE LCh | 79, 41.180, 57.678 |
| Yxy | 55.5960, 0.4202, 0.3781 |
| Android (android.graphics.Color) | 4294947973 (0xFFFFB485) |
| YUV | 197.0670, -31.5850, 50.8072 |
| Hunter-Lab | 74.5627, 17.4496, 28.6056 |

Details

The XYZ color **61.7949, 55.5960, 29.6645** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.2777, 57.3158, 103.0206**, and the grayscale version is **53.2722, 56.0465, 61.0346**.

A 20% lighter version of the original color is **80.2051, 84.8388, 59.1620**, and **31.6564, 27.4054, 11.8049** is the 20% darker color. If you saturate the color by 10%, you get **57.2551, 49.0019, 20.4894**, and if you desaturate by 10%, it is **67.1229, 63.0823, 41.2130**.

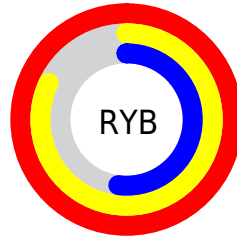
Distribution



Red (100%)

Green (71%)

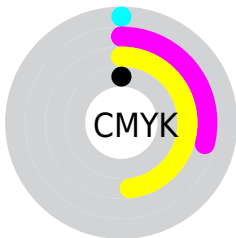
Blue (52%)



Red (100%)

Yellow (82%)

Blue (52%)

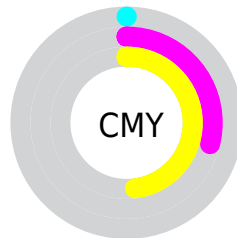


Cyan (0%)

Magenta (29%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7949, 55.5960, 29.6645 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 61.7949, 55.5960, 29.6645 by changing the saturation by 10% instead.


 61.7949, 55.5960,
29.6645

 61.7949, 55.5960,
29.6645


420.9120,
408.1672, 314.4959

 45.1220, 39.8791,
19.3342

 106.5207, 98.4136,
60.1859

 31.7552, 27.4443,
11.7327

 135.3042,
126.2832, 81.2141

 21.3292, 17.9072,
6.4416


 168.8553,
158.9724, 106.6453

 13.4787, 10.8834,
3.0423

207.5394,
196.8656, 136.8981

 7.8383, 5.9885,
1.1163

251.7217,
240.3474, 172.3911

 4.0426, 2.8381,
0.0000

301.7677,

 1.7262, 1.0478,

289.8019, 213.5426

0.0000

358.0427,
345.6137, 260.7714

■ 0.4726, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7949, 55.5960,
29.6645

■ 61.7949, 55.5960,
29.6645

■ 57.2551, 49.0019,
20.4894

■ 67.1229, 63.0823,
41.2130

■ 53.4562, 43.2556,
13.5148

■ 73.2748, 71.4867,
55.2847

■ 50.3511, 38.3205,
8.5489

■ 80.2885, 80.8438,
72.0206

■ 47.8843, 34.1531,
5.3649

■ 88.1984, 91.1840,
91.5503

■ 45.9853, 30.7025, 95.0499, 99.9999,
3.6605 108.9000

■ 45.6310, 30.0421,
3.3937

Harmonies

Analogous

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



68.1878, 55.5960, 41.7735



61.7949, 55.5960, 29.6645



53.4883, 55.5960, 25.5179

Triad

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



61.7949, 55.5960, 29.6645



38.5119, 55.5960, 58.7106



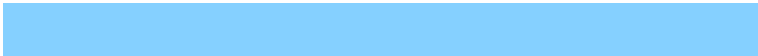
60.5662, 55.5960, 110.3954

Complementary

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



61.7949, 55.5960, 29.6645



50.2777, 57.3158, 103.0206

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.



52.2016, 55.5960, 118.2876



61.7949, 55.5960, 29.6645



39.9913, 55.5960, 84.2093

Square

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



61.7949, 55.5960, 29.6645



40.5280, 55.5960, 39.3305



44.7991, 55.5960, 107.6677



67.4281, 55.5960, 88.2493

Rectangle

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



61.7949, 55.5960, 29.6645



48.1659, 55.5960, 26.7226



44.7991, 55.5960, 107.6677



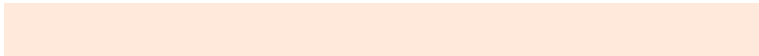
57.8121, 55.5960, 115.0203

Sweetspot

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



61.7963, 55.5987, 29.6656



83.2202, 84.6993, 79.1875



61.0416, 42.6011, 64.8310



17.4567, 17.6619, 16.0770



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.



61.7963, 55.5987, 29.6656



57.6086, 49.5244, 21.1750



76.8599, 85.7259, 34.6868



18.5831, 19.1345, 18.8582



23.9768, 15.9647, 1.8178



2.4365, 1.7583, 0.2110

Inverse Universe

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



50.2777, 57.3158, 103.0206



44.8598, 51.3583, 102.1565



38.1934, 33.1473, 98.9925



17.9327, 19.2371, 23.0179



15.8585, 16.6267, 51.8080



1.6500, 1.8307, 5.0797

Previews

White Background



This preview shows how the XYZ color 61.7949, 55.5960, 29.6645 looks on a white background.

Color Contrast Check

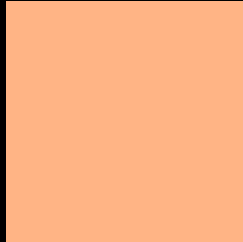
Large Text (above 18pt) WCAG AA × Fail

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 61.7949, 55.5960, 29.6645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

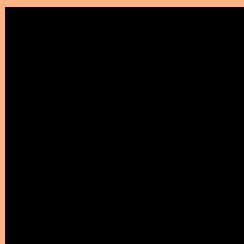
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7949, 55.5960, 29.6645

Background



This preview shows how black text looks on a background with the XYZ color 61.7949, 55.5960, 29.6645.



This preview shows how white text looks on a background with the XYZ color 61.7949, 55.5960,

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

61.7949, 55.5960, 29.6645

Protanopia

51.8513, 55.8230, 32.8530

Deuteranopia

56.6720, 55.4380, 29.1864



Tritanopia

65.5396, 55.5078, 54.2735

Trichromacy



Original Color

61.7949, 55.5960, 29.6645

Protanomaly

55.1411, 55.5617, 31.4851

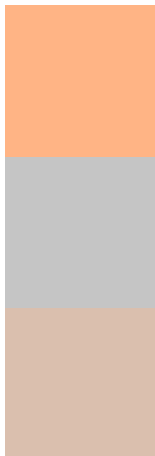
Deuteranomaly

58.4760, 55.4186, 29.4446

Tritanomaly

63.9372, 55.4943, 43.9008

Monochromacy



Original Color

61.7949, 55.5960, 29.6645

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.1842, 55.2230, 47.7950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7949, 55.5960, 29.6645 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, 180, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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, 180, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 133) }
```

Border

The CSS property to change the border of an element to XYZ 61.7949, 55.5960, 29.6645 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, 180, 133) }
```


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

```
.border{ border-color:rgb(255, 180, 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, 180, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7949, 55.5960, 29.6645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 133) }
```

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

```
.background{ background-color: rgb(255,  
180, 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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