

Converting Colors

XYZ(93.5649, 72.3200, 29.1847)

Have a look what the booklet for
XYZ(93.5649, 72.3200, 29.1847)
contains.

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Color

**XYZ(61.5946, 55.8401,
27.6105)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB57F
RGB	255, 181, 127
RGB Percent	100%, 71%, 50%
CMY	0.0000, 0.2902, 0.5020
CMYK	0.00, 0.29, 0.50, 0.00
HSL	25°, 100%, 75%
HSV	25°, 50%, 100%
XYZ	61.5946, 55.8401, 27.6105
YIQ	196.9700, 61.4380, -1.1060

Conversions

Conversions Part 2

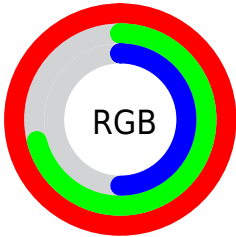
Format	Color
R_{YB}	255, 220, 127
Decimal	16758143
CIE _{Lab}	79.52, 20.95, 38.10
CIE _{LCh}	80, 43.483, 61.199
Yxy	55.8401, 0.4247, 0.3850
Android (android.graphics.Color)	4294948223 (0xFFFFB57F)
YUV	196.9700, -34.4952, 50.8923
Hunter-Lab	74.7262, 16.3613, 30.4014

Details

The XYZ color **61.5946, 55.8401, 27.6105** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.6879, 53.5027, 102.4209**, and the grayscale version is **53.2298, 56.0019, 60.9861**.

A 20% lighter version of the original color is **79.7624, 85.1237, 55.4066**, and **31.5644, 27.5763, 10.6803** is the 20% darker color. If you saturate the color by 10%, you get **57.2981, 49.5786, 18.9909**, and if you desaturate by 10%, it is **66.6316, 62.9096, 38.5526**.

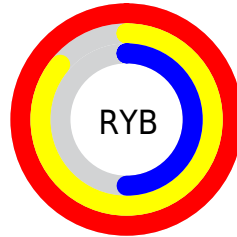
Distribution



Red (100%)

Green (71%)

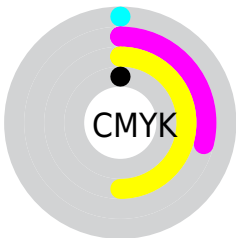
Blue (50%)



Red (100%)

Yellow (86%)

Blue (50%)

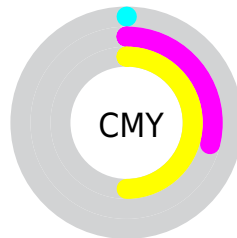


Cyan (0%)

Magenta (29%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5946, 55.8401, 27.6105 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 61.5946, 55.8401, 27.6105 by changing the saturation by 10% instead.

 61.5946, 55.8401,
27.6105

 61.5946, 55.8401,
27.6105


420.1919,
409.0886, 304.4542


 44.9596, 40.0747,
17.7958


 106.2326, 98.7707,
56.8776

 31.6267, 27.5968,
10.6355


 134.9664,
126.7048, 77.1670

 21.2307, 18.0220,
5.7113


 168.4637,
159.4639, 101.7851

 13.4062, 10.9658,
2.6044

207.0900,
197.4324, 131.1504

 7.7877, 6.0438,
0.8947

251.2106,
240.9948, 165.6814

 4.0101, 2.8717,
0.0000

301.1909,

 1.7078, 1.0651,

290.5353, 205.7967

0.0000

357.3962,
346.4385, 251.9147

■ 0.4612, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5946, 55.8401,
27.6105

■ 61.5946, 55.8401,
27.6105

■ 57.2981, 49.5786,
18.9909

■ 66.6316, 62.9096,
38.5526

■ 53.6957, 44.0844,
12.5169

■ 72.4433, 70.8093,
51.9698

■ 50.7414, 39.3246,
7.9907

■ 79.0665, 79.5704,
68.0052

■ 48.3801, 35.2598,
5.1757

■ 86.5343, 89.2200,
86.7902

■ 46.5592, 31.8988,
3.7031

94.8777, 99.7839,
108.4472

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



68.7961, 55.8401, 39.1104



61.5946, 55.8401, 27.6105



52.7233, 55.8401, 24.2441

Triad

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



61.5946, 55.8401, 27.6105



37.9753, 55.8401, 61.8136



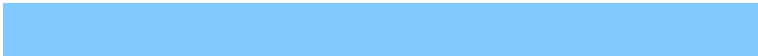
62.2700, 55.8401, 111.9963

Complementary

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



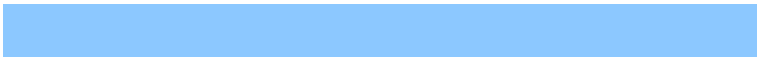
61.5946, 55.8401, 27.6105



47.6879, 53.5027, 102.4209

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.



53.4269, 55.8401, 122.7748



61.5946, 55.8401, 27.6105



39.9512, 55.8401, 89.3139

Square

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



61.5946, 55.8401, 27.6105



39.6608, 55.8401, 40.4254



45.3784, 55.8401, 113.5173



69.2152, 55.8401, 87.0775

Rectangle

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



61.5946, 55.8401, 27.6105



47.2231, 55.8401, 26.0467



45.3784, 55.8401, 113.5173



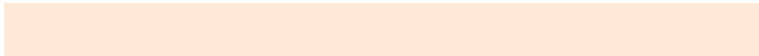
59.3900, 55.8401, 117.6581

Sweetspot

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



61.5960, 55.8428, 27.6116



82.8393, 84.4715, 77.4138



59.4507, 40.6876, 60.3908



17.3974, 17.6485, 15.7332



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.



61.5960, 55.8428, 27.6116



57.3755, 49.6937, 19.1382



77.5216, 87.6942, 32.9201



18.6393, 19.2467, 18.8769



24.4684, 16.9481, 1.9817



2.4877, 1.8608, 0.2281

Inverse Universe

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



47.6879, 53.5027, 102.4209



42.0396, 47.0651, 101.4765



35.8435, 29.8140, 98.4728



17.8752, 19.1220, 22.9987



15.0677, 15.0451, 51.5444



1.5753, 1.6813, 5.0548

Previews

White Background



This preview shows how the XYZ color 61.5946, 55.8401, 27.6105 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 61.5946, 55.8401, 27.6105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

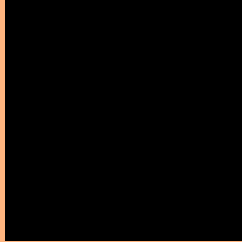
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5946, 55.8401, 27.6105

Background



This preview shows how black text looks on a background with the XYZ color 61.5946, 55.8401, 27.6105.



This preview shows how white text looks on a background with the XYZ color 61.5946, 55.8401,

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

61.5946, 55.8401, 27.6105

Protanopia

52.0009, 55.9499, 30.6129

Deuteranopia

57.1592, 56.0530, 27.2087



Tritanopia

65.8424, 55.9415, 54.9045

Trichromacy



Original Color

61.5946, 55.8401, 27.6105

Protanomaly

55.0406, 55.5583, 29.2956

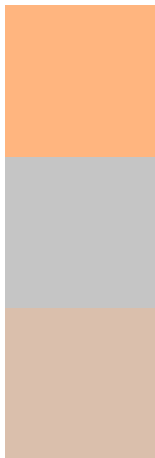
Deuteranomaly

58.6330, 55.8573, 27.4299

Tritanomaly

64.0433, 55.8540, 43.4818

Monochromacy



Original Color

61.5946, 55.8401, 27.6105

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.9906, 55.1456, 46.7756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5946, 55.8401, 27.6105 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, 181, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 127)  
}
```

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, 181, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 127) }
```

Border

The CSS property to change the border of an element to XYZ 61.5946, 55.8401, 27.6105 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, 181, 127) }
```


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

```
.border{ border-color:rgb(255, 181, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5946, 55.8401, 27.6105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 127) }
```

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

```
.background{ background-color: rgb(255,  
181, 127) }
```

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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