

Converting Colors

XYZ(147.1719, 100.0000,
32.5567)

Have a look what the booklet for
XYZ(147.1719, 100.0000, 32.5567)
contains.

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Color

**XYZ(61.7931, 55.9195,
28.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB582
RGB	255, 181, 130
RGB Percent	100%, 71%, 51%
CMY	0.0000, 0.2902, 0.4902
CMYK	0.00, 0.29, 0.49, 0.00
HSL	24°, 100%, 75%
HSV	24°, 49%, 100%
XYZ	61.7931, 55.9195, 28.6558
YIQ	197.3120, 60.4750, -0.1730

Conversions

Conversions Part 2

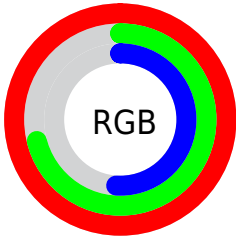
Format	Color
R_{YB}	255, 216, 130
Decimal	16758146
CIE _{Lab}	79.57, 21.22, 36.60
CIE _{LCh}	80, 42.309, 59.901
Yxy	55.9195, 0.4222, 0.3820
Android (android.graphics.Color)	4294948226 (0xFFFFB582)
YUV	197.3120, -33.1848, 50.5924
Hunter-Lab	74.7793, 16.6377, 29.6253

Details

The XYZ color **61.7931, 55.9195, 28.6558** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.8476, 55.1489, 102.6775**, and the grayscale version is **53.4296, 56.2121, 61.2149**.

A 20% lighter version of the original color is **80.1759, 85.2891, 57.5841**, and **31.6728, 27.6196, 11.2512** is the 20% darker color. If you saturate the color by 10%, you get **57.3843, 49.5102, 19.7627**, and if you desaturate by 10%, it is **66.9613, 63.1691, 39.8954**.

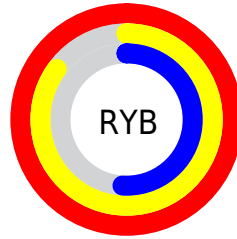
Distribution



Red (100%)

Green (71%)

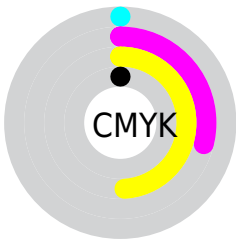
Blue (51%)



Red (100%)

Yellow (85%)

Blue (51%)

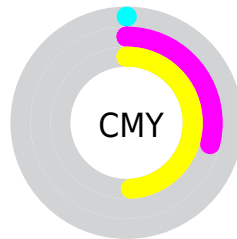


Cyan (0%)

Magenta (29%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7931, 55.9195, 28.6558 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 61.7931, 55.9195, 28.6558 by changing the saturation by 10% instead.


 61.7931, 55.9195,
28.6558


 61.7931, 55.9195,
28.6558


420.9056,
409.3881, 309.5974


 45.1205, 40.1384,
18.5773


 106.5181, 98.8869,
58.5654

 31.7540, 27.6465,
11.1915


 135.3012,
126.8419, 79.2336

 21.3283, 18.0593,
6.0800


 168.8518,
159.6237, 104.2687

 13.4780, 10.9926,
2.8242

207.5353,
197.6167, 134.0893

 7.8378, 6.0619,
1.0056

251.7171,
241.2052, 169.1139

 4.0423, 2.8827,
0.0000

301.7625,

 1.7261, 1.0708,

290.7737, 209.7611

0.0000

358.0369,
346.7065, 256.4494

■ 0.4725, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7931, 55.9195,
28.6558

■ 61.7931, 55.9195,
28.6558

■ 57.3843, 49.5102,
19.7627

■ 66.9613, 63.1691,
39.8954

■ 53.6884, 43.8990,
13.0412

■ 72.9235, 71.2823,
53.6324

■ 50.6592, 39.0519,
8.2968

■ 79.7170, 80.2917,
70.0089

■ 48.2417, 34.9283,
5.2980

■ 87.3751, 90.2254,
89.1552

■ 46.3596, 31.4775, 95.0498, 99.9999,
3.7042 108.9000

■ 46.1954, 31.1711,
3.5819

Harmonies

Analogous

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



68.6484, 55.9195, 40.3711



61.7931, 55.9195, 28.6558



53.1782, 55.9195, 24.9971

Triad

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



61.7931, 55.9195, 28.6558



38.3974, 55.9195, 60.8057



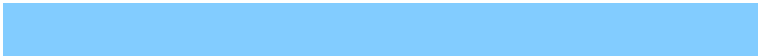
61.7388, 55.9195, 111.2678

Complementary

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



61.7931, 55.9195, 28.6558



48.8476, 55.1489, 102.6775

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.



53.1215, 55.9195, 120.8629



61.7931, 55.9195, 28.6558



40.1794, 55.9195, 87.3880

Square

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



61.7931, 55.9195, 28.6558



40.2029, 55.9195, 40.2643



45.3526, 55.9195, 111.1465



68.6147, 55.9195, 87.5671

Rectangle

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



61.7931, 55.9195, 28.6558



47.7679, 55.9195, 26.5763



45.3526, 55.9195, 111.1465



58.9216, 55.9195, 116.4929

Sweetspot

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



61.7945, 55.9222, 28.6569



82.6893, 84.1717, 77.3638



60.2422, 41.6334, 62.6188



17.3615, 17.5766, 15.7212



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.



61.7945, 55.9222, 28.6569



57.3922, 49.5217, 19.7774



77.1702, 86.6738, 33.7821



18.6180, 19.2041, 18.8698



24.2760, 16.5632, 1.9175



2.4678, 1.8210, 0.2214

Inverse Universe

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



48.8476, 55.1489, 102.6775



43.0279, 48.6058, 101.7218



37.0039, 31.4615, 98.7296



17.8969, 19.1655, 23.0060



15.3602, 15.6299, 51.6419



1.6030, 1.7368, 5.0640

Previews

White Background



This preview shows how the XYZ color 61.7931, 55.9195, 28.6558 looks on a white background.

Color Contrast Check

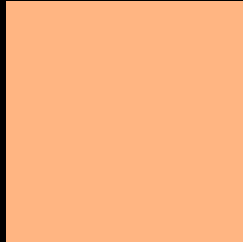
Large Text (above 18pt) WCAG AA × Fail

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 61.7931, 55.9195, 28.6558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

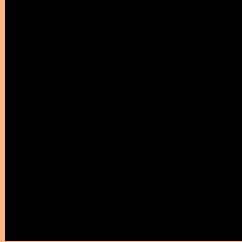
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7931, 55.9195, 28.6558

Background



This preview shows how black text looks on a background with the XYZ color 61.7931, 55.9195, 28.6558.



This preview shows how white text looks on a background with the XYZ color 61.7931, 55.9195,

28.6558.

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

61.7931, 55.9195, 28.6558

Protanopia

51.9222, 55.8848, 31.7172

Deuteranopia

57.3538, 56.1308, 28.2335



Tritanopia

65.8424, 55.9415, 54.9045

Trichromacy



Original Color

61.7931, 55.9195, 28.6558

Protanomaly

54.9288, 55.4768, 30.3673

Deuteranomaly

58.8296, 55.9359, 28.4649

Tritanomaly

64.1354, 55.8908, 43.9669

Monochromacy



Original Color

61.7931, 55.9195, 28.6558

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0871, 55.1842, 47.2834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7931, 55.9195, 28.6558 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 130) }
```

Border

The CSS property to change the border of an element to XYZ 61.7931, 55.9195, 28.6558 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, 130) }
```


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

```
.border{ border-color:rgb(255, 181, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7931, 55.9195, 28.6558 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, 130) }
```

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

```
.background{ background-color: rgb(255,  
181, 130) }
```

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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