

Converting Colors

XYZ(131.0225, 90.8565,
34.5047)

Have a look what the booklet for
XYZ(131.0225, 90.8565, 34.5047)
contains.

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Color

**XYZ(61.9475, 55.3352,
31.4605)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB38A
RGB	255, 179, 138
RGB Percent	100%, 70%, 54%
CMY	0.0000, 0.2980, 0.4588
CMYK	0.00, 0.30, 0.46, 0.00
HSL	21°, 100%, 77%
HSV	21°, 46%, 100%
XYZ	61.9475, 55.3352, 31.4605
YIQ	197.0500, 58.4570, 3.3610

Conversions

Conversions Part 2

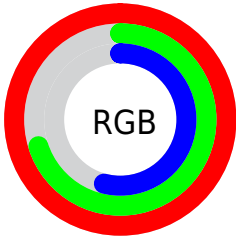
Format	Color
R _Y B	255, 201, 138
Decimal	16757642
CIE Lab	79.23, 23.02, 31.98
CIE LCh	79, 39.399, 54.252
Yxy	55.3352, 0.4165, 0.3720
Android (android.graphics.Color)	4294947722 (0xFFFFB38A)
YUV	197.0500, -29.1116, 50.8222
Hunter-Lab	74.3876, 18.4704, 26.9960

Details

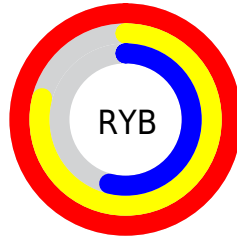
The XYZ color **61.9475, 55.3352, 31.4605** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.5765, 60.7136, 103.5552**, and the grayscale version is **53.2479, 56.0210, 61.0068**.

A 20% lighter version of the original color is **80.4628, 84.4824, 61.9351**, and **31.9461, 27.3456, 12.6113** is the 20% darker color. If you saturate the color by 10%, you get **57.1912, 48.4384, 21.8113**, and if you desaturate by 10%, it is **67.5387, 63.2083, 43.5271**.

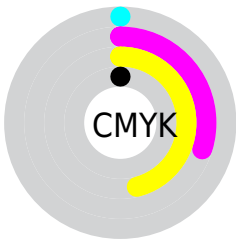
Distribution



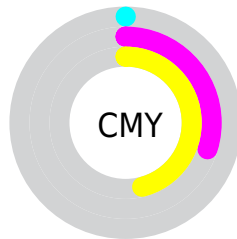
- Red (100%)
- Green (70%)
- Blue (54%)



- Red (100%)
- Yellow (79%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9475, 55.3352, 31.4605 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 61.9475, 55.3352, 31.4605 by changing the saturation by 10% instead.


 61.9475, 55.3352,
31.4605

 61.9475, 55.3352,
31.4605


421.4602,
407.1813, 323.0709


 45.2457, 39.6702,
20.6884


 106.7400, 98.0319,
63.0524

 31.8531, 27.2815,
12.7074


 135.5615,
125.8324, 84.7093

 21.4043, 17.7847,
7.0990


 169.1535,
158.4467, 110.8314

 13.5340, 10.7955,
3.4447

207.8815,
196.2594, 141.8374

 7.8768, 5.9295,
1.3259

252.1108,
239.6548, 178.1459

 4.0674, 2.8023,
0.0829

302.2068,

 1.7403, 1.0294,

289.0174, 220.1752

0.0000

358.5348,
344.7314, 268.3441

■ 0.4813, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9475, 55.3352,
31.4605

■ 61.9475, 55.3352,
31.4605

■ 57.1912, 48.4384,
21.8113

■ 67.5387, 63.2083,
43.5271

■ 53.2208, 42.4693,
14.4095

■ 74.0019, 72.0873,
58.1589

■ 49.9880, 37.3869,
9.0678

■ 81.3766, 82.0107,
75.4952

■ 47.4362, 33.1432,
5.5663

■ 89.6987, 93.0123,
95.6647

■ 45.4979, 29.6840, 95.0498, 99.9999,
3.6333 108.9000

■ 44.8432, 28.4667,
3.1311

Harmonies

Analogous

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



67.6457, 55.3352, 44.1341



61.9475, 55.3352, 31.4605



54.1259, 55.3352, 26.5798

Triad

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



61.9475, 55.3352, 31.4605



38.9196, 55.3352, 56.0100



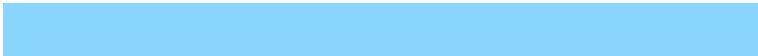
59.0633, 55.3352, 109.0772

Complementary

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



61.9475, 55.3352, 31.4605



52.5765, 60.7136, 103.5552

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.



51.0921, 55.3352, 114.5270



61.9475, 55.3352, 31.4605



39.9598, 55.3352, 79.8788

Square

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



61.9475, 55.3352, 31.4605



41.2361, 55.3352, 38.2978



44.2337, 55.3352, 102.7507



65.8676, 55.3352, 89.3078

Rectangle

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



61.9475, 55.3352, 31.4605



48.9537, 55.3352, 27.2322



44.2337, 55.3352, 102.7507



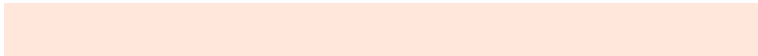
56.4114, 55.3352, 112.8220

Sweetspot

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



61.9489, 55.3379, 31.4616



82.8695, 83.9978, 79.0706



62.4726, 44.2949, 68.9091



17.3718, 17.4920, 16.0487



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.



61.9489, 55.3379, 31.4616



57.5785, 49.0089, 22.5693



76.2420, 83.9241, 36.2260



18.5301, 19.0283, 18.8405



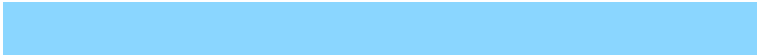
23.5577, 15.1266, 1.6781



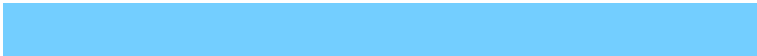
2.3916, 1.6686, 0.1960

Inverse Universe

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



52.5765, 60.7136, 103.5552



47.1215, 54.9161, 102.7240



40.3447, 36.2500, 99.4779



17.9877, 19.3470, 23.0362



16.6669, 18.2433, 52.0775



1.7254, 1.9815, 5.1048

Previews

White Background



This preview shows how the XYZ color 61.9475, 55.3352, 31.4605 looks on a white background.

Color Contrast Check

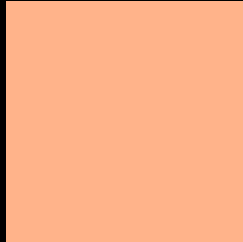
Large Text (above 18pt) WCAG AA × Fail

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 61.9475, 55.3352, 31.4605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

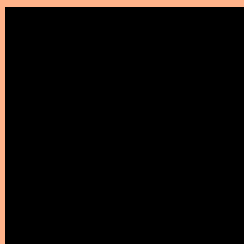
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9475, 55.3352, 31.4605

Background



This preview shows how black text looks on a background with the XYZ color 61.9475, 55.3352, 31.4605.



This preview shows how white text looks on a background with the XYZ color 61.9475, 55.3352,

31.4605.

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

61.9475, 55.3352, 31.4605

Protanopia

51.7147, 55.3731, 34.7505

Deuteranopia

56.6881, 55.4062, 30.9992



Tritanopia

65.5396, 55.5078, 54.2735

Trichromacy



Original Color

61.9475, 55.3352, 31.4605

Protanomaly

54.9745, 55.1108, 33.3312

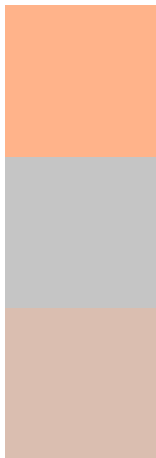
Deuteranomaly

58.4823, 55.3813, 31.2742

Tritanomaly

63.9268, 55.1752, 44.8167

Monochromacy



Original Color

61.9475, 55.3352, 31.4605

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.1634, 54.8669, 48.7572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9475, 55.3352, 31.4605 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, 179, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 138)  
}
```

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, 179, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 138) }
```

Border

The CSS property to change the border of an element to XYZ 61.9475, 55.3352, 31.4605 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, 179, 138) }
```


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

```
.border{ border-color:rgb(255, 179, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9475, 55.3352, 31.4605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 138) }
```

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

```
.background{ background-color: rgb(255,  
179, 138) }
```

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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