

Converting Colors

XYZ(61.9000, 55.0923, 31.2739)

Have a look what the booklet for
XYZ(61.9000, 55.0923, 31.2739)
contains.

XYZ(61.7478, 54.9358, 31.3940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.7478, 54.9358,
31.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB28A
RGB	255, 178, 138
RGB Percent	100%, 70%, 54%
CMY	0.0000, 0.3019, 0.4588
CMYK	0.00, 0.30, 0.46, 0.00
HSL	21°, 100%, 77%
HSV	21°, 46%, 100%
XYZ	61.7478, 54.9358, 31.3940
YIQ	196.4630, 58.7320, 3.8840

Conversions

Conversions Part 2

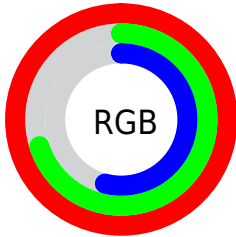
Format	Color
R_{YB}	255, 199, 138
Decimal	16757386
CIE _{Lab}	79.00, 23.54, 31.67
CIE _{LCh}	79, 39.464, 53.378
Yxy	54.9358, 0.4170, 0.3710
Android (android.graphics.Color)	4294947466 (0xFFFFB28A)
YUV	196.4630, -28.8223, 51.3369
Hunter-Lab	74.1187, 18.9995, 26.7700

Details

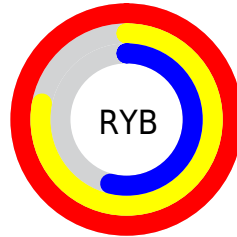
The XYZ color **61.7478, 54.9358, 31.3940** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8304, 61.2214, 103.6398**, and the grayscale version is **52.8919, 55.6463, 60.5989**.

A 20% lighter version of the original color is **80.1772, 83.9114, 61.8399**, and **31.8600, 27.1076, 12.7856** is the 20% darker color. If you saturate the color by 10%, you get **56.9769, 48.0098, 21.7399**, and if you desaturate by 10%, it is **67.3633, 62.8574, 43.4687**.

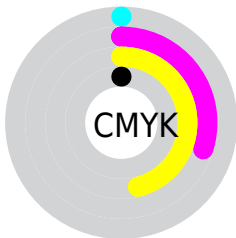
Distribution



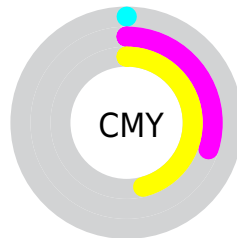
- Red (100%)
- Green (70%)
- Blue (54%)



- Red (100%)
- Yellow (78%)
- 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 61.7478, 54.9358, 31.3940 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 61.7478, 54.9358, 31.3940 by changing the saturation by 10% instead.


 61.7478, 54.9358,
31.3940


 61.7478, 54.9358,
31.3940


420.7428,
405.6685, 322.7566


 45.0838, 39.3503,
20.6381


 106.4529, 97.4469,
62.9467

 31.7250, 27.0324,
12.6710


 135.2248,
125.1413, 84.5805

 21.3060, 17.5975,
7.0744


 168.7633,
157.6408, 110.6774

 13.4616, 10.6614,
3.4295

207.4337,
195.3298, 141.6559

 7.8264, 5.8397,
1.3179

251.6016,
238.5926, 177.9345

 4.0349, 2.7478,
0.0764

301.6321,

 1.7219, 1.0015,

287.8138, 219.9318

0.0000

357.8907,
343.3776, 268.0663

■ 0.4699, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7478, 54.9358,
31.3940

■ 61.7478, 54.9358,
31.3940

■ 56.9769, 48.0098,
21.7399

■ 67.3633, 62.8574,
43.4687

■ 53.0011, 42.0298,
14.3363

■ 73.8610, 71.8056,
58.1120

■ 49.7712, 36.9533,
8.9956

■ 81.2811, 81.8197,
75.4635

■ 47.2301, 32.7309,
5.4976

■ 89.6599, 92.9347,
95.6519

■ 45.3093, 29.3067, 95.0498, 99.9999,
3.5704 108.9000

■ 44.6636, 28.1075,
3.0713

Harmonies

Analogous

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



67.3335, 54.9358, 44.2487



61.7478, 54.9358, 31.3940



53.9752, 54.9358, 26.3282

Triad

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



61.7478, 54.9358, 31.3940



38.6092, 54.9358, 54.9671



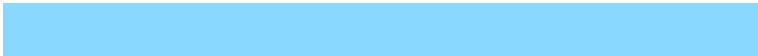
58.4367, 54.9358, 108.9237

Complementary

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



61.7478, 54.9358, 31.3940



52.8304, 61.2214, 103.6398

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.



50.4932, 54.9358, 113.8587



61.7478, 54.9358, 31.3940



39.5477, 54.9358, 78.6627

Square

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



61.7478, 54.9358, 31.3940



41.0120, 54.9358, 37.5542



43.7173, 54.9358, 101.6566



65.2919, 54.9358, 89.4906

Rectangle

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



61.7478, 54.9358, 31.3940



48.7994, 54.9358, 26.8434



43.7173, 54.9358, 101.6566



55.7860, 54.9358, 112.5054

Sweetspot

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



61.7492, 54.9385, 31.3951



82.7837, 83.8263, 79.0420



62.7232, 44.3952, 70.2292



17.3510, 17.4505, 16.0418



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.



61.7492, 54.9385, 31.3951



57.3652, 48.5821, 22.4981



75.6790, 82.7982, 36.0384



18.5171, 19.0023, 18.8362



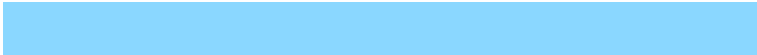
23.4618, 14.9348, 1.6461



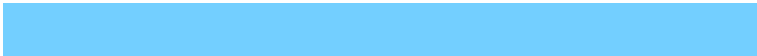
2.3812, 1.6478, 0.1925

Inverse Universe

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



52.8304, 61.2214, 103.6398



47.4109, 55.4949, 102.8205



40.6734, 36.9073, 99.5874



18.0012, 19.3741, 23.0408



16.8739, 18.6574, 52.1465



1.7446, 2.0198, 5.1112

Previews

White Background



This preview shows how the XYZ color 61.7478, 54.9358, 31.3940 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 61.7478, 54.9358, 31.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

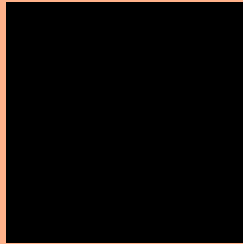
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7478, 54.9358, 31.3940

Background



This preview shows how black text looks on a background with the XYZ color 61.7478, 54.9358, 31.3940.



This preview shows how white text looks on a background with the XYZ color 61.7478, 54.9358,

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

61.7478, 54.9358, 31.3940

Protanopia

51.5066, 55.2568, 35.1451

Deuteranopia

56.3588, 55.2364, 30.9838



Tritanopia

65.2390, 55.0773, 53.6469

Trichromacy



Original Color

61.7478, 54.9358, 31.3940

Protanomaly

54.5196, 54.5471, 33.6418

Deuteranomaly

58.2738, 54.9644, 31.2047

Tritanomaly

63.7314, 54.7845, 44.7516

Monochromacy



Original Color

61.7478, 54.9358, 31.3940

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.5507, 54.2421, 48.1521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7478, 54.9358, 31.3940 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, 178, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 138) }
```

Border

The CSS property to change the border of an element to XYZ 61.7478, 54.9358, 31.3940 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, 178, 138) }
```


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

```
.border{ border-color:rgb(255, 178, 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, 178, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7478, 54.9358, 31.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 138) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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