

Converting Colors

XYZ(61.0220, 58.5765, 28.2252)

Have a look what the booklet for
XYZ(61.0220, 58.5765, 28.2252)
contains.

XYZ(61.1730, 58.7504, 28.1945)	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(61.1730, 58.7504,
28.1945)**

Conversions

Conversions Part 1

Format	Color
Hex	F8BF7F
RGB	248, 191, 127
RGB Percent	97%, 75%, 50%
CMY	0.0275, 0.2510, 0.5020
CMYK	0.00, 0.23, 0.49, 0.03
HSL	32°, 90%, 74%
HSV	32°, 49%, 97%
XYZ	61.1730, 58.7504, 28.1945
YIQ	200.7470, 54.5160, -7.8200

Conversions

Conversions Part 2

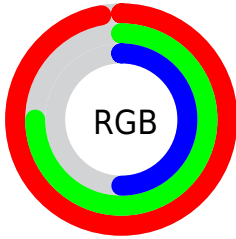
Format	Color
R_{YB}	235, 248, 127
Decimal	16301951
CIE Lab	81.15, 12.93, 40.03
CIE LCh	81, 42.066, 72.103
Yxy	58.7504, 0.4130, 0.3966
Android (android.graphics.Color)	4294492031 (0xFF8BF7F)
YUV	200.7470, -36.3573, 41.4409
Hunter-Lab	76.6488, 8.3245, 31.8449

Details

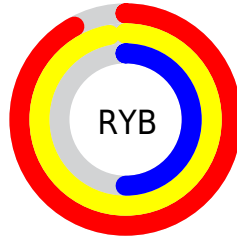
The XYZ color **61.1730, 58.7504, 28.1945** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.8355, 45.5685, 95.3446**, and the grayscale version is **55.5563, 58.4496, 63.6516**.

A 20% lighter version of the original color is **82.8413, 91.1177, 56.9373**, and **31.3793, 29.5176, 10.8811** is the 20% darker color. If you saturate the color by 10%, you get **57.3049, 53.2904, 19.8888**, and if you desaturate by 10%, it is **65.6449, 64.7816, 38.6651**.

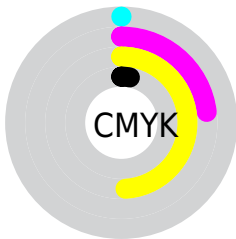
Distribution



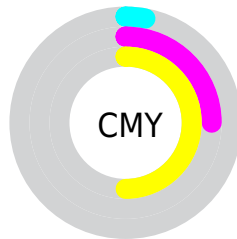
- Red (97%)
- Green (75%)
- Blue (50%)



- Red (92%)
- Yellow (97%)
- Blue (50%)



- Cyan (0%)
- Magenta (23%)
- Yellow (49%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1730, 58.7504, 28.1945 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 61.1730, 58.7504, 28.1945 by changing the saturation by 10% instead.


 61.1730, 58.7504,
28.1945

 61.1730, 58.7504,
28.1945


418.6738,
419.9763, 307.3363


 44.6179, 42.4122,
18.2320


 105.6261,
103.0148, 57.8217

 31.3565, 29.4242,
10.9455


 134.2547,
131.7098, 78.3234

 21.0236, 19.4020,
5.9165


 167.6386,
165.2926, 103.1753

 13.2539, 11.9611,
2.7264

206.1431,
204.1475, 132.7959

 7.6818, 6.7172,
0.9567

250.1335,
248.6589, 167.6038

 3.9421, 3.2859,
0.0000

299.9752,

 1.6694, 1.2827,

299.2113, 208.0174

0.0000

356.0335,
356.1889, 254.4554

■ 0.4370, 0.1278,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1730, 58.7504,
28.1945

■ 61.1730, 58.7504,
28.1945

■ 57.3049, 53.2904,
19.8888

■ 65.6449, 64.7816,
38.6651

■ 54.0020, 48.3718,
13.5863

■ 70.7477, 71.3953,
51.4392

■ 51.2269, 43.9740,
9.1083

■ 76.5115, 78.6128,
66.6478

■ 48.9344, 40.0710,
6.2416

■ 82.9632, 86.4519,
84.4112

■ 47.0605, 36.6285,
4.6759

■ 90.1279, 94.9291,
104.8413

■ 46.8525, 36.2388,
4.5254

■ 92.5213, 98.6964,
108.7817

Harmonies

Analogous

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



69.2793, 58.7504, 36.7922



61.1730, 58.7504, 28.1945



52.3860, 58.7504, 27.4706

Triad

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



61.1730, 58.7504, 28.1945



40.9499, 58.7504, 74.6155



67.8999, 58.7504, 106.8018

Complementary

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



61.1730, 58.7504, 28.1945



42.8355, 45.5685, 95.3446

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.



59.4437, 58.7504, 123.6092



61.1730, 58.7504, 28.1945



44.2627, 58.7504, 102.0273

Square

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



61.1730, 58.7504, 28.1945



41.3090, 58.7504, 50.2727



50.8272, 58.7504, 121.6636



73.4335, 58.7504, 79.9516

Rectangle

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



61.1730, 58.7504, 28.1945



47.3664, 58.7504, 31.2136



50.8272, 58.7504, 121.6636



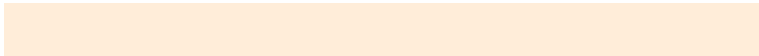
65.2695, 58.7504, 114.0939

Sweetspot

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



61.1744, 58.7532, 28.1957



84.0112, 86.8154, 77.8045



55.1091, 38.6590, 50.7248



17.6790, 18.2116, 15.8271



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.



61.1744, 58.7532, 28.1957



60.9351, 56.6073, 20.9583



75.3983, 88.2568, 33.1407



18.0047, 18.7452, 18.1316



25.4516, 19.8598, 2.4919



2.4634, 2.0517, 0.2662

Inverse Universe

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



42.8355, 45.5685, 95.3446



39.2341, 41.0182, 100.4572



33.5890, 26.6252, 92.1755



16.9572, 17.9913, 21.9642



12.7154, 10.7864, 49.3854



1.2828, 1.2093, 4.6090

Previews

White Background



This preview shows how the XYZ color 61.1730, 58.7504, 28.1945 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 61.1730, 58.7504, 28.1945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

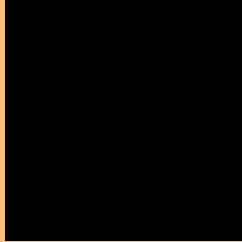
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1730, 58.7504, 28.1945

Background



This preview shows how black text looks on a background with the XYZ color 61.1730, 58.7504, 28.1945.



This preview shows how white text looks on a background with the XYZ color 61.1730, 58.7504,

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

61.1730, 58.7504, 28.1945

Protanopia

54.4307, 58.9398, 29.9804

Deuteranopia

60.2090, 58.9053, 28.2752



Tritanopia

67.5648, 58.5123, 59.9575

Trichromacy



Original Color

61.1730, 58.7504, 28.1945

Protanomaly

56.8565, 58.8229, 29.4764

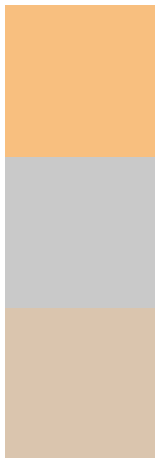
Deuteranomaly

60.3366, 58.6441, 28.2180

Tritanomaly

64.8445, 58.3336, 46.3699

Monochromacy



Original Color

61.1730, 58.7504, 28.1945

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.5197, 57.8939, 48.2401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1730, 58.7504, 28.1945 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(248, 191, 127)` looks like.

```
.text, #text, p{  
    color:rgb(248, 191, 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(248, 191, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 191, 127) }
```

Border

The CSS property to change the border of an element to XYZ 61.1730, 58.7504, 28.1945 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(248, 191, 127) }
```


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

```
.border{ border-color:rgb(248, 191, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 191, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 191, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 191, 127);  
box-shadow:4px 4px 4px 4px rgb(248, 191,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1730, 58.7504, 28.1945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 191, 127) }
```

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

```
.background{ background-color: rgb(248,  
191, 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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