

Converting Colors

XYZ(62.0050, 58.2037, 19.6498)

Have a look what the booklet for
XYZ(62.0050, 58.2037, 19.6498)
contains.

XYZ(61.2625, 57.7015, 19.7130)	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(61.2625, 57.7015,
19.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBB63
RGB	255, 187, 99
RGB Percent	100%, 73%, 39%
CMY	0.0000, 0.2666, 0.6118
CMYK	0.00, 0.27, 0.61, 0.00
HSL	34°, 100%, 69%
HSV	34°, 61%, 100%
XYZ	61.2625, 57.7015, 19.7130
YIQ	197.3000, 68.7760, -12.9520

Conversions

Conversions Part 2

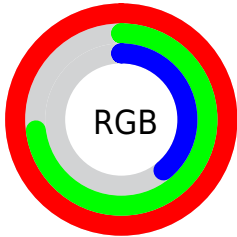
Format	Color
R_{YB}	220, 255, 99
Decimal	16759651
CIE _{Lab}	80.57, 15.64, 53.36
CIE _{LCh}	81, 55.608, 73.660
Yxy	57.7015, 0.4418, 0.4161
Android (android.graphics.Color)	4294949731 (0xFFFFBB63)
YUV	197.3000, -48.4619, 50.6029
Hunter-Lab	75.9615, 11.0266, 37.7865

Details

The XYZ color **61.2625, 57.7015, 19.7130** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.0137, 37.5085, 99.8964**, and the grayscale version is **53.5084, 56.2950, 61.3052**.

A 20% lighter version of the original color is **78.9581, 87.6282, 42.4582**, and **31.5439, 28.8575, 6.5968** is the 20% darker color. If you saturate the color by 10%, you get **57.9634, 52.7561, 13.5190**, and if you desaturate by 10%, it is **65.1316, 63.1715, 27.9963**.

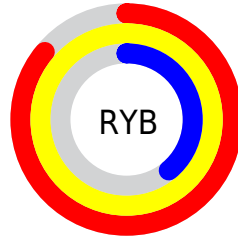
Distribution



Red (100%)

Green (73%)

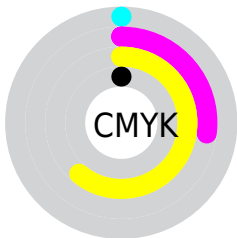
Blue (39%)



Red (86%)

Yellow (100%)

Blue (39%)

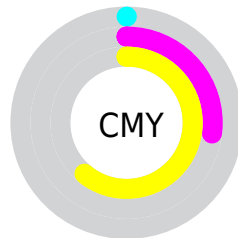


Cyan (0%)

Magenta (27%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2625, 57.7015, 19.7130 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 61.2625, 57.7015, 19.7130 by changing the saturation by 10% instead.

61.2625, 57.7015,
19.7130

61.2625, 57.7015,
19.7130

418.9964,
416.0727, 262.9098

44.6904, 41.5687,
12.0046

105.7549,
101.4880, 43.7881

31.4139, 28.7637,
6.6242

134.4059,
129.9106, 60.9919

21.0676, 18.9022,
3.1534

167.8139,
163.1985, 82.1979

13.2861, 11.5996,
1.1735

206.3442,
201.7363, 107.8246

7.7042, 6.4717,
0.0000

250.3623,
245.9081, 138.2906

3.9565, 3.1339,
0.0000

300.2334,

1.6775, 1.2021,

296.0986, 174.0145

0.0000

356.3230,
352.6920, 215.4147

■ 0.4422, 0.0634,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2625, 57.7015,
19.7130

■ 61.2625, 57.7015,
19.7130

■ 57.9634, 52.7561,
13.5190

■ 65.1316, 63.1715,
27.9963

■ 55.1885, 48.3036,
9.2114


■ 69.6034, 69.1786,
38.5395


■ 52.8897, 44.3201,
6.5518

■ 74.7123, 75.7452,
51.4992

■ 51.1912, 41.1627,
5.2471

■ 80.4888, 82.8892,
67.0168

 86.9610, 90.6279,
85.2230

 94.1554, 98.9774,
106.2394

 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.



72.3308, 57.7015, 28.6196



61.2625, 57.7015, 19.7130



49.8150, 57.7015, 19.3632

Triad

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



61.2625, 57.7015, 19.7130



36.1384, 57.7015, 78.8958



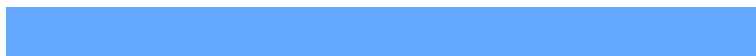
71.4600, 57.7015, 120.2552

Complementary

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



61.2625, 57.7015, 19.7130



37.0137, 37.5085, 99.8964

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.



60.1996, 57.7015, 145.9911



61.2625, 57.7015, 19.7130



40.4298, 57.7015, 117.0741

Square

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



61.2625, 57.7015, 19.7130



36.3402, 57.7015, 46.7295



48.8894, 57.7015, 144.6583



78.7544, 57.7015, 82.2527

Rectangle

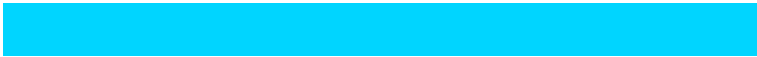
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.2625, 57.7015, 19.7130



43.5410, 57.7015, 23.6483



48.8894, 57.7015, 144.6583



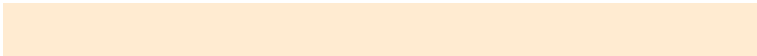
67.9501, 57.7015, 131.1345

Sweetspot

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



61.2639, 57.7043, 19.7141



82.4676, 85.2817, 72.5010



52.8823, 33.0562, 41.2285



17.2628, 17.7841, 14.4403



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.



61.2639, 57.7043, 19.7141



57.4195, 51.9077, 12.5987



76.4404, 92.2311, 25.5786



18.8597, 19.6876, 18.9504



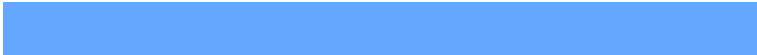
26.9000, 21.8111, 2.7922



2.7279, 2.3412, 0.3081

Inverse Universe

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



37.0137, 37.5085, 99.8964



31.3976, 30.2877, 98.7990



28.5517, 19.2577, 96.8196



17.6543, 18.6802, 22.9251



12.5522, 10.0141, 50.7059



1.3285, 1.1877, 4.9725

Previews

White Background



This preview shows how the XYZ color 61.2625, 57.7015, 19.7130 looks on a white background.

Color Contrast Check

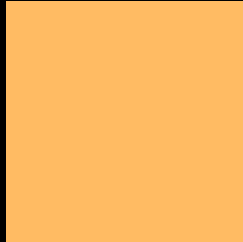
Large Text (above 18pt) WCAG AA × Fail

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 61.2625, 57.7015, 19.7130 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 61.2625, 57.7015, 19.7130

Background



This preview shows how black text looks on a background with the XYZ color 61.2625, 57.7015, 19.7130.



This preview shows how white text looks on a background with the XYZ color 61.2625, 57.7015,

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

61.2625, 57.7015, 19.7130

Protanopia

52.9213, 57.6600, 21.1722

Deuteranopia

59.1932, 57.9176, 19.6147



Tritanopia

66.9652, 57.6641, 56.8910

Trichromacy



Original Color

61.2625, 57.7015, 19.7130

Protanomaly

55.5177, 57.3132, 20.7068

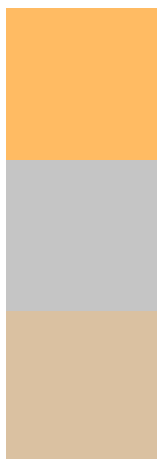
Deuteranomaly

60.0424, 58.0327, 19.5921

Tritanomaly

64.3450, 57.5956, 40.0735

Monochromacy



Original Color

61.2625, 57.7015, 19.7130

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.4164, 55.6186, 41.5856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2625, 57.7015, 19.7130 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, 187, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 99)  
}
```

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, 187, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 99) }
```

Border

The CSS property to change the border of an element to XYZ 61.2625, 57.7015, 19.7130 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, 187, 99) }
```


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

```
.border{ border-color:rgb(255, 187, 99) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2625, 57.7015, 19.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 99) }
```

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

```
.background{ background-color: rgb(255,  
187, 99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor