

Converting Colors

XYZ(63.1121, 61.6561, 19.5426)

Have a look what the booklet for
XYZ(63.1121, 61.6561, 19.5426)
contains.

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Color

**XYZ(63.0912, 61.5844,
19.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC460
RGB	255, 196, 96
RGB Percent	100%, 77%, 38%
CMY	0.0000, 0.2313, 0.6235
CMYK	0.00, 0.23, 0.62, 0.00
HSL	38°, 100%, 69%
HSV	38°, 62%, 100%
XYZ	63.0912, 61.5844, 19.6280
YIQ	202.2410, 67.2640, -18.5920

Conversions

Conversions Part 2

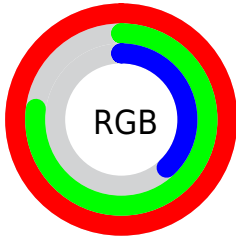
Format	Color
RYB	190, 255, 96
Decimal	16761952
CIELab	82.69, 10.76, 57.18
CIELCh	83, 58.183, 79.338
Yxy	61.5844, 0.4372, 0.4268
Android (android.graphics.Color)	4294952032 (0xFFFFC460)
YUV	202.2410, -52.3768, 46.2696
Hunter-Lab	78.4757, 6.1740, 40.1037

Details

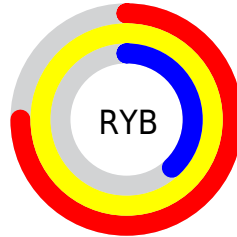
The XYZ color **63.0912, 61.5844, 19.6280** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.5945, 33.1479, 99.1819**, and the grayscale version is **56.5785, 59.5250, 64.8227**.

A 20% lighter version of the original color is **81.5554, 93.0828, 42.5225**, and **32.7642, 31.4214, 6.6236** is the 20% darker color. If you saturate the color by 10%, you get **60.0352, 57.0566, 13.7267**, and if you desaturate by 10%, it is **66.6653, 66.5396, 27.5810**.

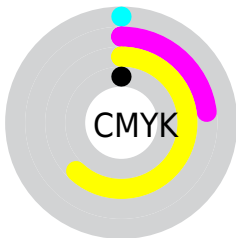
Distribution



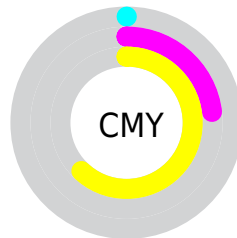
- Red (100%)
- Green (77%)
- Blue (38%)



- Red (75%)
- Yellow (100%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0912, 61.5844, 19.6280 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 63.0912, 61.5844, 19.6280 by changing the saturation by 10% instead.


 63.0912, 61.5844,
19.6280

 63.0912, 61.5844,
19.6280


425.5548,
430.4135, 262.4314


 46.1739, 44.6970,
11.9435


 108.3821,
107.1246, 43.6434


 32.5883, 31.2188,
6.5832


 137.4865,
136.5463, 60.8113

 21.9690, 20.7655,
3.1284


 171.3840,
170.9147, 81.9776

 13.9506, 12.9527,
1.1605

 210.4399,
210.6144, 107.5606

 8.1678, 7.3960,
0.0000

255.0195,
256.0297, 137.9789

 4.2552, 3.7110,
0.0000

305.4883,

 1.8475, 1.5132,

307.5451, 173.6511

0.0000

362.2116,
365.5449, 214.9958

■ 0.5460, 0.2980,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0912, 61.5844,
19.6280

■ 63.0912, 61.5844,
19.6280

■ 60.0352, 57.0566,
13.7267

■ 66.6653, 66.5396,
27.5810

■ 57.4523, 52.9270,
9.6708


■ 70.7888, 71.9314,
37.7580


■ 55.2948, 49.1750,
7.2162

■ 75.4952, 77.7792,
50.3171

■ 53.8777, 46.5359,
6.1427

■ 80.8136, 84.0984,
65.4008

 86.7712, 90.9034,
83.1404

 93.3930, 98.2076,
103.6580

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



75.6202, 61.5844, 27.2407



63.0912, 61.5844, 19.6280



50.9357, 61.5844, 20.8394

Triad

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



63.0912, 61.5844, 19.6280



38.6704, 61.5844, 92.5087



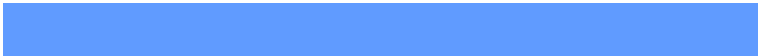
78.7088, 61.5844, 122.6027

Complementary

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



63.0912, 61.5844, 19.6280



34.5945, 33.1479, 99.1819

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.



66.8530, 61.5844, 155.1522



63.0912, 61.5844, 19.6280



44.2376, 61.5844, 133.9368

Square

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



63.0912, 61.5844, 19.6280



37.9614, 61.5844, 55.1167



54.2019, 61.5844, 159.9114



85.4519, 61.5844, 80.6034

Rectangle

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



63.0912, 61.5844, 19.6280



44.5913, 61.5844, 26.6841



54.2019, 61.5844, 159.9114



75.1169, 61.5844, 135.5640

Sweetspot

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



63.0926, 61.5874, 19.6292



82.7386, 86.3251, 71.0451



51.5045, 32.0587, 35.3499



17.3570, 18.0698, 14.1716



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.



63.0926, 61.5874, 19.6292



59.3073, 55.9252, 12.4821



72.6127, 90.2740, 24.6645



18.9616, 19.8913, 18.9844



28.3003, 24.6118, 3.2590



2.8602, 2.6058, 0.3522

Inverse Universe

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



34.5945, 33.1479, 99.1819



28.7716, 25.5485, 98.0227



29.2445, 19.2007, 96.7718



17.5550, 18.4816, 22.8920



11.6822, 8.2739, 50.4159



1.2378, 1.0064, 4.9423

Previews

White Background



This preview shows how the XYZ color 63.0912, 61.5844, 19.6280 looks on a white background.

Color Contrast Check

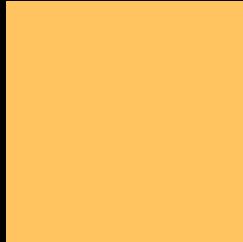
Large Text (above 18pt) WCAG AA × Fail

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 63.0912, 61.5844, 19.6280 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 63.0912, 61.5844, 19.6280

Background



This preview shows how black text looks on a background with the XYZ color 63.0912, 61.5844, 19.6280.



This preview shows how white text looks on a background with the XYZ color 63.0912, 61.5844,

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

63.0912, 61.5844, 19.6280

Protanopia

56.3183, 61.5374, 20.7140

Deuteranopia

63.0912, 61.5844, 19.6280



Tritanopia

69.6485, 61.3966, 62.8234

Trichromacy



Original Color

63.0912, 61.5844, 19.6280

Protanomaly

58.5850, 61.3000, 20.2996

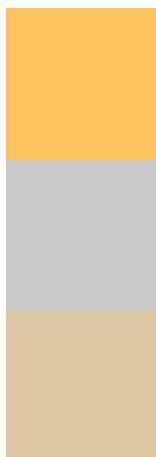
Deuteranomaly

63.0912, 61.5844, 19.6280

Tritanomaly

66.3924, 61.1302, 42.4825

Monochromacy



Original Color

63.0912, 61.5844, 19.6280

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.0839, 59.3250, 43.0926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0912, 61.5844, 19.6280 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, 196, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 96)  
}
```

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, 196, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 96) }
```

Border

The CSS property to change the border of an element to XYZ 63.0912, 61.5844, 19.6280 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, 196, 96) }
```


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

```
.border{ border-color:rgb(255, 196, 96) }
```

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

Here you see how a box with a 4 pixel rgb(255, 196, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0912, 61.5844, 19.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 96) }
```

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

```
.background{ background-color: rgb(255,  
196, 96) }
```

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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