

Converting Colors

XYZ(63.1430, 61.3874, 20.5592)

Have a look what the booklet for
XYZ(63.1430, 61.3874, 20.5592)
contains.

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Color

**XYZ(63.0554, 61.2103,
20.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC364
RGB	255, 195, 100
RGB Percent	100%, 76%, 39%
CMY	0.0000, 0.2353, 0.6078
CMYK	0.00, 0.24, 0.61, 0.00
HSL	37°, 100%, 70%
HSV	37°, 61%, 100%
XYZ	63.0554, 61.2103, 20.5480
YIQ	202.1100, 66.2550, -16.8250

Conversions

Conversions Part 2

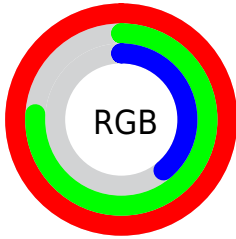
Format	Color
RYB	198, 255, 100
Decimal	16761700
CIELab	82.49, 11.55, 55.09
CIELCh	82, 56.292, 78.165
Yxy	61.2103, 0.4354, 0.4227
Android (android.graphics.Color)	4294951780 (0xFFFFC364)
YUV	202.1100, -50.3402, 46.3845
Hunter-Lab	78.2370, 6.9479, 39.1941

Details

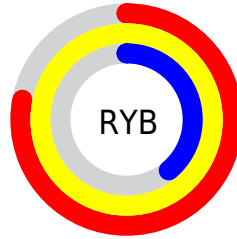
The XYZ color **63.0554, 61.2103, 20.5480** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.8758, 35.0696, 99.4856**, and the grayscale version is **56.4845, 59.4261, 64.7151**.

A 20% lighter version of the original color is **81.4869, 92.5543, 43.7069**, and **32.7122, 31.1615, 7.0870** is the 20% darker color. If you saturate the color by 10%, you get **59.8705, 56.5163, 14.3210**, and if you desaturate by 10%, it is **66.7756, 66.3571, 28.8596**.

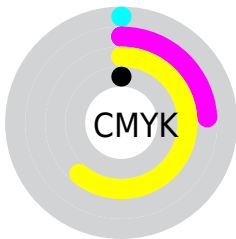
Distribution



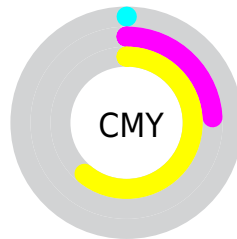
- Red (100%)
- Green (76%)
- Blue (39%)



- Red (78%)
- Yellow (100%)
- Blue (39%)



- Cyan (0%)
- Magenta (24%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0554, 61.2103, 20.5480 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 63.0554, 61.2103, 20.5480 by changing the saturation by 10% instead.

63.0554, 61.2103,
20.5480

63.0554, 61.2103,
20.5480

425.4270,
429.0447, 267.5682

46.1448, 44.3949,
12.6060

108.3308,
106.5834, 45.2050

32.5652, 30.9811,
7.0303

137.4263,
135.9098, 62.7572

21.9512, 20.5844,
3.4023

171.3143,
170.1755, 84.3497

13.9375, 12.8206,
1.3035

210.3599,
209.7646, 110.4013

8.1586, 7.3051,
0.0647

254.9287,
255.0618, 141.3304

4.2493, 3.6536,
0.0000

305.3859,

1.8441, 1.4818,

306.4512, 177.5555

0.0000

362.0968,
364.3174, 219.4953

■ 0.5440, 0.2758,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0554, 61.2103,
20.5480

■ 63.0554, 61.2103,
20.5480

■ 59.8705, 56.5163,
14.3210

■ 66.7756, 66.3571,
28.8596

■ 57.1762, 52.2456,
9.9769

■ 71.0620, 71.9663,
39.4248

■ 54.9264, 48.3774,
7.2801

■ 75.9479, 78.0578,
52.3993

■ 53.1787, 45.1376,
5.9096

■ 81.4624, 84.6474,
67.9238

87.6326, 91.7500,
86.1281

94.4836, 99.3795,
107.1330

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.



75.0200, 61.2103, 28.4578



63.0554, 61.2103, 20.5480



51.2580, 61.2103, 21.4246

Triad

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



63.0554, 61.2103, 20.5480



38.8432, 61.2103, 89.5189



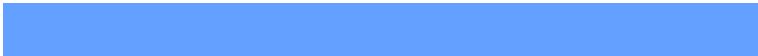
77.1810, 61.2103, 121.3501

Complementary

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



63.0554, 61.2103, 20.5480



35.8758, 35.0696, 99.4856

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.



65.6956, 61.2103, 151.5419



63.0554, 61.2103, 20.5480



44.0674, 61.2103, 129.2305

Square

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



63.0554, 61.2103, 20.5480



38.3402, 61.2103, 53.9570



53.5599, 61.2103, 154.8406



83.8961, 61.2103, 81.1867

Rectangle

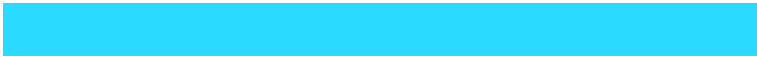
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.0554, 61.2103, 20.5480



45.0178, 61.2103, 26.9382



53.5599, 61.2103, 154.8406



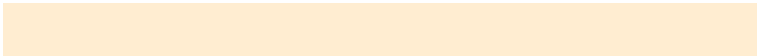
73.6827, 61.2103, 133.5206

Sweetspot

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



63.0568, 61.2133, 20.5492



83.1130, 86.5724, 72.7161



52.3190, 32.9835, 37.7921



17.4205, 18.0995, 14.4929



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.



63.0568, 61.2133, 20.5492



59.2325, 55.5337, 13.2030



73.8259, 90.8777, 25.7074



18.9363, 19.8408, 18.9759



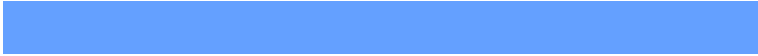
27.9363, 23.8839, 3.1376



2.8261, 2.5376, 0.3409

Inverse Universe

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



35.8758, 35.0696, 99.4856



30.0039, 27.5003, 98.3345



29.7439, 20.0139, 96.9028



17.5795, 18.5306, 22.9002



11.8820, 8.6735, 50.4825



1.2590, 1.0488, 4.9493

Previews

White Background



This preview shows how the XYZ color 63.0554, 61.2103, 20.5480 looks on a white background.

Color Contrast Check

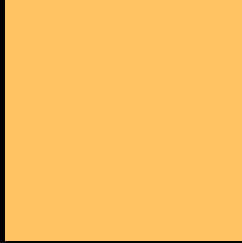
Large Text (above 18pt) WCAG AA × Fail

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 63.0554, 61.2103, 20.5480 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 63.0554, 61.2103, 20.5480

Background



This preview shows how black text looks on a background with the XYZ color 63.0554, 61.2103, 20.5480.



This preview shows how white text looks on a background with the XYZ color 63.0554, 61.2103,

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

63.0554, 61.2103, 20.5480

Protanopia

56.2486, 61.4730, 21.9976

Deuteranopia

62.5482, 61.2826, 20.5887



Tritanopia

69.5320, 61.3500, 62.2098

Trichromacy



Original Color

63.0554, 61.2103, 20.5480

Protanomaly

58.4938, 61.2249, 21.5666

Deuteranomaly

62.9132, 61.4708, 20.6058

Tritanomaly

66.4817, 61.1659, 42.9526

Monochromacy



Original Color

63.0554, 61.2103, 20.5480

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.0337, 58.9356, 43.9670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0554, 61.2103, 20.5480 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, 195, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 100)  
}
```

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, 195, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 100) }
```

Border

The CSS property to change the border of an element to XYZ 63.0554, 61.2103, 20.5480 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, 195, 100) }
```


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

```
.border{ border-color:rgb(255, 195, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0554, 61.2103, 20.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 100) }
```

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

```
.background{ background-color: rgb(255,  
195, 100) }
```

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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