

Converting Colors

XYZ(63.3176, 62.0370, 19.7035)

Have a look what the booklet for
XYZ(63.3176, 62.0370, 19.7035)
contains.

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Color

**XYZ(63.3176, 62.0370,
19.7035)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC560
RGB	255, 197, 96
RGB Percent	100%, 77%, 38%
CMY	0.0000, 0.2274, 0.6235
CMYK	0.00, 0.23, 0.62, 0.00
HSL	38°, 100%, 69%
HSV	38°, 62%, 100%
XYZ	63.3176, 62.0370, 19.7035
YIQ	202.8280, 66.9890, -19.1150

Conversions

Conversions Part 2

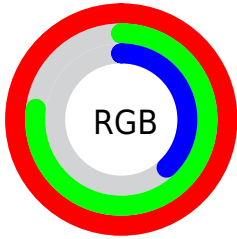
Format	Color
R_{YB}	187, 255, 96
Decimal	16762208
CIE _{Lab}	82.93, 10.25, 57.45
CIE _{LCh}	83, 58.356, 79.887
Yxy	62.0370, 0.4365, 0.4277
Android (android.graphics.Color)	4294952288 (0xFFFFC560)
YUV	202.8280, -52.6662, 45.7548
Hunter-Lab	78.7636, 5.6589, 40.3025

Details

The XYZ color **63.3176, 62.0370, 19.7035** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.4290, 32.8168, 99.1270**, and the grayscale version is **56.9488, 59.9146, 65.2470**.

A 20% lighter version of the original color is **81.8703, 93.7126, 42.6275**, and **32.7642, 31.4214, 6.6236** is the 20% darker color. If you saturate the color by 10%, you get **60.2817, 57.5493, 13.8089**, and if you desaturate by 10%, it is **66.8674, 66.9436, 27.6484**.

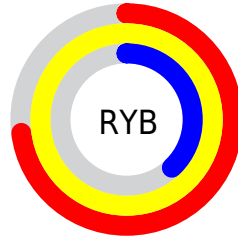
Distribution



Red (100%)

Green (77%)

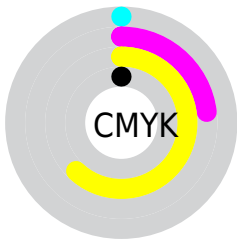
Blue (38%)



Red (73%)

Yellow (100%)

Blue (38%)

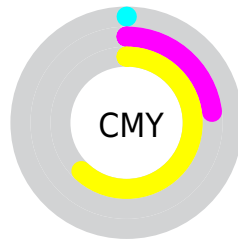


Cyan (0%)

Magenta (23%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3176, 62.0370, 19.7035 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 63.3176, 62.0370, 19.7035 by changing the saturation by 10% instead.

63.3176, 62.0370,
19.7035

63.3176, 62.0370,
19.7035

426.3626,
432.0660, 262.8564

46.3578, 45.0626,
11.9978

108.7068,
107.7790, 43.7719

32.7341, 31.5067,
6.6196

137.8670,
137.3154, 60.9717

22.0811, 20.9850,
3.1506

171.8246,
171.8079, 82.1733

14.0334, 13.1131,
1.1720

210.9451,
211.6409, 107.7951

8.2258, 7.5064,
0.0000

255.5938,
257.1989, 138.2558

4.2928, 3.7808,
0.0000

306.1360,

1.8691, 1.5517,

308.8661, 173.9739

0.0000

362.9372,
367.0270, 215.3679

■ 0.5588, 0.3247,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3176, 62.0370,
19.7035

■ 63.3176, 62.0370,
19.7035

■ 60.2817, 57.5493,
13.8089

■ 66.8674, 66.9436,
27.6484

■ 57.7146, 53.4515,
9.7582

■ 70.9622, 72.2780,
37.8159

■ 55.5690, 49.7233,
7.3076

■ 75.6354, 78.0593,
50.3640

■ 54.1584, 47.0971,
6.2362

■ 80.9159, 84.3028,
65.4351

■ 86.8308, 91.0224,
83.1606

■ 93.4052, 98.2317,
103.6624

■ 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.



75.9763, 62.0370, 27.1900



63.3176, 62.0370, 19.7035



51.1071, 62.0370, 21.0791

Triad

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



63.3176, 62.0370, 19.7035



39.0045, 62.0370, 93.9821



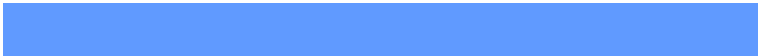
79.4826, 62.0370, 122.7838

Complementary

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



63.3176, 62.0370, 19.7035



34.4290, 32.8168, 99.1270

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.



67.5882, 62.0370, 155.9631



63.3176, 62.0370, 19.7035



44.7026, 62.0370, 135.6502

Square

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



63.3176, 62.0370, 19.7035



38.1996, 62.0370, 56.0916



54.8153, 62.0370, 161.3655



86.1501, 62.0370, 80.4663

Rectangle

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



63.3176, 62.0370, 19.7035



44.7632, 62.0370, 27.0947



54.8153, 62.0370, 161.3655



75.8900, 62.0370, 135.9291

Sweetspot

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



63.3191, 62.0400, 19.7047



82.8268, 86.5016, 71.0745



51.2809, 31.9694, 34.1717



17.3784, 18.1126, 14.1788



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.



63.3191, 62.0400, 19.7047



59.5581, 56.4270, 12.5657



71.7374, 89.8229, 24.6237



18.9715, 19.9112, 18.9877



28.4462, 24.9037, 3.3076



2.8738, 2.6330, 0.3567

Inverse Universe

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



34.4290, 32.8168, 99.1270



28.6053, 25.2159, 97.9672



29.5964, 19.3822, 96.7886



17.5454, 18.4625, 22.8888



11.6065, 8.1226, 50.3907



1.2297, 0.9902, 4.9396

Previews

White Background



This preview shows how the XYZ color 63.3176, 62.0370, 19.7035 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 63.3176, 62.0370, 19.7035 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 63.3176, 62.0370, 19.7035

Background



This preview shows how black text looks on a background with the XYZ color 63.3176, 62.0370, 19.7035.



This preview shows how white text looks on a background with the XYZ color 63.3176, 62.0370,

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

63.3176, 62.0370, 19.7035

Protanopia

56.8781, 62.1845, 20.8094

Deuteranopia

63.4109, 62.0743, 20.1947



Tritanopia

69.9802, 61.8722, 63.5125

Trichromacy



Original Color

63.3176, 62.0370, 19.7035

Protanomaly

58.8204, 61.7709, 20.3781

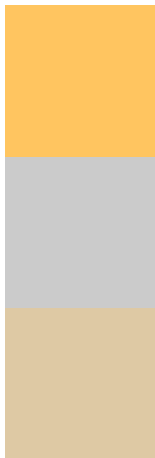
Deuteranomaly

63.3639, 62.0556, 19.9475

Tritanomaly

66.7005, 61.6036, 43.0255

Monochromacy



Original Color

63.3176, 62.0370, 19.7035

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.7117, 59.9832, 43.6581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3176, 62.0370, 19.7035 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, 197, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 96) }
```

Border

The CSS property to change the border of an element to XYZ 63.3176, 62.0370, 19.7035 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, 197, 96) }
```


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

```
.border{ border-color:rgb(255, 197, 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, 197, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3176, 62.0370, 19.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 96) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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