

Converting Colors

XYZ(63.5065, 62.1126, 20.6984)

Have a look what the booklet for
XYZ(63.5065, 62.1126, 20.6984)
contains.

XYZ(63.5065, 62.1126, 20.6984) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(63.5065, 62.1126,
20.6984)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC564
RGB	255, 197, 100
RGB Percent	100%, 77%, 39%
CMY	0.0000, 0.2274, 0.6078
CMYK	0.00, 0.23, 0.61, 0.00
HSL	38°, 100%, 70%
HSV	38°, 61%, 100%
XYZ	63.5065, 62.1126, 20.6984
YIQ	203.2840, 65.7050, -17.8710

Conversions

Conversions Part 2

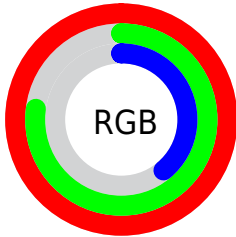
Format	Color
RYB	193, 255, 100
Decimal	16762212
CIELab	82.97, 10.51, 55.65
CIELCh	83, 56.629, 79.307
Yxy	62.1126, 0.4340, 0.4245
Android (android.graphics.Color)	4294952292 (0xFFFFC564)
YUV	203.2840, -50.9190, 45.3549
Hunter-Lab	78.8115, 5.9154, 39.5967

Details

The XYZ color **63.5065, 62.1126, 20.6984** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.5318, 34.3816, 99.3708**, and the grayscale version is **57.2260, 60.2062, 65.5645**.

A 20% lighter version of the original color is **82.5145, 94.4767, 44.4587**, and **32.8616, 31.4604, 7.1368** is the 20% darker color. If you saturate the color by 10%, you get **60.3621, 57.4998, 14.4849**, and if you desaturate by 10%, it is **67.1771, 67.1602, 28.9935**.

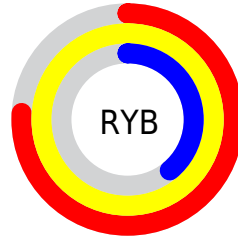
Distribution



Red (100%)

Green (77%)

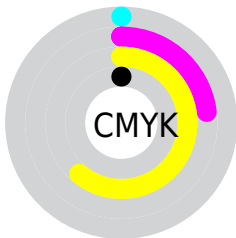
Blue (39%)



Red (76%)

Yellow (100%)

Blue (39%)

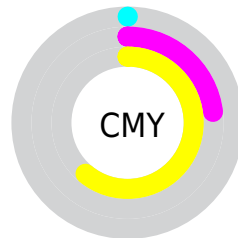


Cyan (0%)

Magenta (23%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5065, 62.1126, 20.6984 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 63.5065, 62.1126, 20.6984 by changing the saturation by 10% instead.


 63.5065, 62.1126,
20.6984

 63.5065, 62.1126,
20.6984


427.0359,
432.3417, 268.3995


 46.5113, 45.1237,
12.7146


 108.9776,
107.8883, 45.4593


 32.8558, 31.5549,
7.1039


 138.1842,
137.4438, 63.0735

 22.1747, 21.0217,
3.4477


 172.1920,
171.9570, 84.7350

 14.1026, 13.1399,
1.3276

 211.3663,
211.8122, 110.8622

 8.2743, 7.5249,
0.0842

256.0725,
257.3939, 141.8737

 4.3242, 3.7925,
0.0000

306.6759,

 1.8871, 1.5582,

309.0865, 178.1880

0.0000

363.5419,
367.2743, 220.2238

■ 0.5693, 0.3292,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5065, 62.1126,
20.6984

■ 63.5065, 62.1126,
20.6984

■ 60.3621, 57.4998,
14.4849

■ 67.1771, 67.1602,
28.9935

■ 57.6997, 53.2926,
10.1515

■ 71.4045, 72.6515,
39.5391

■ 55.4732, 49.4711,
7.4624

■ 76.2218, 78.6059,
52.4907

■ 53.7397, 46.2597,
6.0966

■ 81.6579, 85.0386,
67.9890

87.7395, 91.9640,
86.1637

94.4917, 99.3957,
107.1357

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.



75.7295, 62.1126, 28.3470



63.5065, 62.1126, 20.6984



51.5991, 62.1126, 21.9101

Triad

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



63.5065, 62.1126, 20.6984



39.5121, 62.1126, 92.4239



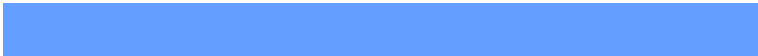
78.7161, 62.1126, 121.7132

Complementary

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



63.5065, 62.1126, 20.6984



35.5318, 34.3816, 99.3708

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.



67.1555, 62.1126, 153.1528



63.5065, 62.1126, 20.6984



44.9961, 62.1126, 132.6041

Square

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



63.5065, 62.1126, 20.6984



38.8168, 62.1126, 55.8910



54.7807, 62.1126, 157.7114



85.2821, 62.1126, 80.9076

Rectangle

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



63.5065, 62.1126, 20.6984



45.3604, 62.1126, 27.7650



54.7807, 62.1126, 157.7114



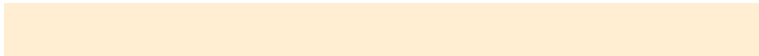
75.2167, 62.1126, 134.2500

Sweetspot

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



63.5080, 62.1156, 20.6996



83.2850, 86.9164, 72.7735



52.0916, 32.8925, 36.5949



17.4626, 18.1837, 14.5069



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.



63.5080, 62.1156, 20.6996



59.7320, 56.5329, 13.3696



72.9574, 90.4299, 25.6668



18.9566, 19.8815, 18.9827



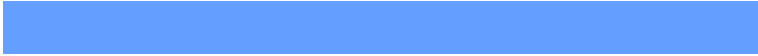
28.2284, 24.4680, 3.2350



2.8535, 2.5923, 0.3500

Inverse Universe

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



35.5318, 34.3816, 99.3708



29.6538, 26.8002, 98.2178



30.0902, 20.1924, 96.9188



17.5598, 18.4912, 22.8936



11.7203, 8.3503, 50.4286



1.2419, 1.0145, 4.9436

Previews

White Background



This preview shows how the XYZ color 63.5065, 62.1126, 20.6984 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 63.5065, 62.1126, 20.6984 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 63.5065, 62.1126, 20.6984

Background



This preview shows how black text looks on a background with the XYZ color 63.5065, 62.1126, 20.6984.



This preview shows how white text looks on a background with the XYZ color 63.5065, 62.1126,

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

63.5065, 62.1126, 20.6984

Protanopia

57.0741, 62.2629, 21.8418

Deuteranopia

63.5065, 62.1126, 20.6984



Tritanopia

69.9802, 61.8722, 63.5125

Trichromacy



Original Color

63.5065, 62.1126, 20.6984

Protanomaly

59.0141, 61.8483, 21.3979

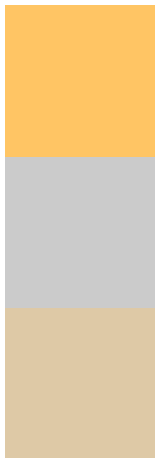
Deuteranomaly

63.5065, 62.1126, 20.6984

Tritanomaly

66.7905, 61.6396, 43.4994

Monochromacy



Original Color

63.5065, 62.1126, 20.6984

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.8938, 60.0561, 44.6170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5065, 62.1126, 20.6984 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 100) }
```

Border

The CSS property to change the border of an element to XYZ 63.5065, 62.1126, 20.6984 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, 100) }
```


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

```
.border{ border-color:rgb(255, 197, 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, 197, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5065, 62.1126, 20.6984 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, 100) }
```

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

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