

Converting Colors

XYZ(69.3614, 65.1973, 38.7092)

Have a look what the booklet for
XYZ(69.3614, 65.1973, 38.7092)
contains.

XYZ(67.1016, 63.9152, 38.5060)	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(67.1016, 63.9152,
38.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC698
RGB	255, 198, 152
RGB Percent	100%, 78%, 60%
CMY	0.0000, 0.2235, 0.4039
CMYK	0.00, 0.22, 0.40, 0.00
HSL	27°, 100%, 80%
HSV	27°, 40%, 100%
XYZ	67.1016, 63.9152, 38.5060
YIQ	209.7990, 48.7380, -2.2220

Conversions

Conversions Part 2

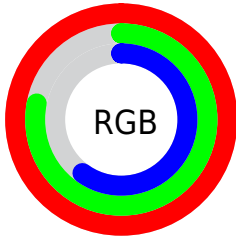
Format	Color
R _Y B	255, 235, 152
Decimal	16762520
CIE Lab	83.92, 14.52, 30.84
CIE LCh	84, 34.090, 64.797
Yxy	63.9152, 0.3958, 0.3770
Android (android.graphics.Color)	4294952600 (0xFFFFC698)
YUV	209.7990, -28.4949, 39.6413
Hunter-Lab	79.9470, 9.9125, 27.4062

Details

The XYZ color **67.1016, 63.9152, 38.5060** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.7985, 59.4941, 103.2557**, and the grayscale version is **61.2867, 64.4784, 70.2170**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **35.0872, 32.6219, 16.7593** is the 20% darker color. If you saturate the color by 10%, you get **62.1573, 57.0173, 27.6383**, and if you desaturate by 10%, it is **72.7986, 71.5998, 51.8409**.

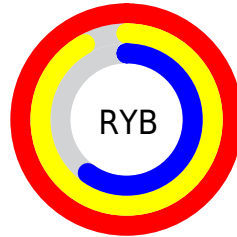
Distribution



Red (100%)

Green (78%)

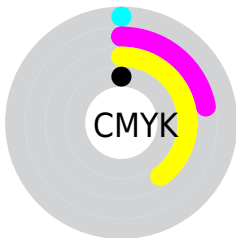
Blue (60%)



Red (100%)

Yellow (92%)

Blue (60%)

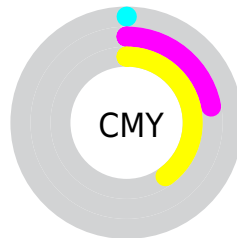


Cyan (0%)

Magenta (22%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1016, 63.9152, 38.5060 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 67.1016, 63.9152, 38.5060 by changing the saturation by 10% instead.


 67.1016, 63.9152,
38.5060


 67.1016, 63.9152,
38.5060


439.7331,
438.8833, 355.1487

 49.4382, 46.5820,
26.0708


 114.1150,
110.4888, 74.0951

 35.1832, 32.7053,
16.6504


 144.1957,
140.4980, 98.0860

 23.9712, 21.9008,
9.8262


179.1461,
175.5013, 126.7658

 15.4369, 13.7840,
5.1798

219.3318,
215.8831, 160.5532

 9.2149, 7.9706,
2.2925

265.1180,
262.0278, 199.8666

 4.9398, 4.0761,
0.7270

316.8700,

 2.2464, 1.7162,

314.3198, 245.1247

0.0000

374.9533,
373.1435, 296.7458

■ 0.7670, 0.4341,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.1016, 63.9152,
38.5060

■ 67.1016, 63.9152,
38.5060

■ 62.1573, 57.0173,
27.6383

■ 72.7986, 71.5998,
51.8409

■ 57.9237, 50.8689,
19.0782

■ 79.2778, 80.0882,
67.7812

■ 54.3614, 45.4432,
12.6533

■ 86.5728, 89.4083,
86.4592

■ 51.4242, 40.7073,
8.1648

■ 94.7137, 99.5839,
107.9971

■ 49.0584, 36.6247, 95.0500, 100.0000,
5.3754 108.9000

■ 47.2457, 33.2715,
3.9319

Harmonies

Analogous

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



73.3819, 63.9152, 48.5790



67.1016, 63.9152, 38.5060



59.5512, 63.9152, 36.0088

Triad

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



67.1016, 63.9152, 38.5060



47.4787, 63.9152, 73.1048



69.3589, 63.9152, 109.3295

Complementary

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



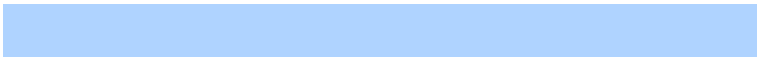
67.1016, 63.9152, 38.5060



53.7985, 59.4941, 103.2557

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.



61.9637, 63.9152, 119.4123



67.1016, 63.9152, 38.5060



49.6570, 63.9152, 95.9310

Square

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



67.1016, 63.9152, 38.5060



48.6099, 63.9152, 53.4412



54.8114, 63.9152, 114.0647



74.7585, 63.9152, 88.7092

Rectangle

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



67.1016, 63.9152, 38.5060



54.8982, 63.9152, 38.4225



54.8114, 63.9152, 114.0647



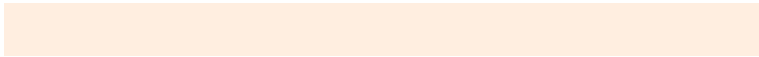
67.0025, 63.9152, 114.2371

Sweetspot

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



67.1032, 63.9182, 38.5073



85.3431, 87.8521, 83.2648



64.1472, 48.3885, 67.1720



18.0566, 18.5369, 17.2784



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.



67.1032, 63.9182, 38.5073



63.2739, 58.5981, 30.0214



80.5160, 90.7439, 42.9782



18.6773, 19.3228, 18.8896



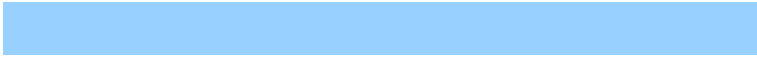
24.8307, 17.6726, 2.1024



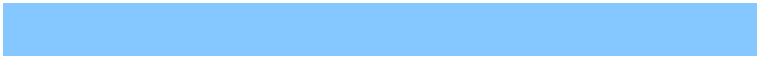
2.5247, 1.9348, 0.2404

Inverse Universe

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



53.7985, 59.4941, 103.2557



48.3904, 53.6353, 102.4099



43.3747, 38.6466, 99.7811



17.8365, 19.0445, 22.9858



14.5677, 14.0450, 51.3777



1.5275, 1.5857, 5.0388

Previews

White Background



This preview shows how the XYZ color 67.1016, 63.9152, 38.5060 looks on a white background.

Color Contrast Check

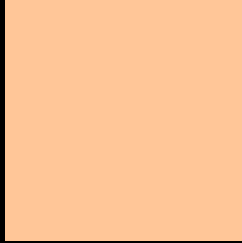
Large Text (above 18pt) WCAG AA × Fail

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 67.1016, 63.9152, 38.5060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

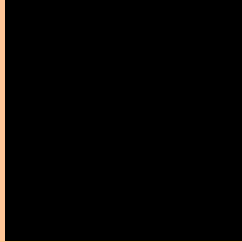
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1016, 63.9152, 38.5060

Background



This preview shows how black text looks on a background with the XYZ color 67.1016, 63.9152, 38.5060.



This preview shows how white text looks on a background with the XYZ color 67.1016, 63.9152,

38.5060.

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

67.1016, 63.9152, 38.5060

Protanopia

59.6267, 63.8825, 41.0862

Deuteranopia

65.1840, 63.9641, 38.1889



Tritanopia

71.4505, 63.8562, 66.9521

Trichromacy



Original Color

67.1016, 63.9152, 38.5060

Protanomaly

62.0087, 63.6914, 40.0358

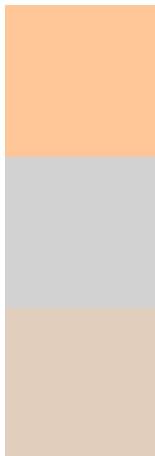
Deuteranomaly

66.0239, 64.0521, 38.1616

Tritanomaly

69.6180, 63.8354, 55.1066

Monochromacy



Original Color

67.1016, 63.9152, 38.5060

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.6206, 63.9855, 57.1941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1016, 63.9152, 38.5060 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, 198, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 152)  
}
```

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, 198, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 152) }
```

Border

The CSS property to change the border of an element to XYZ 67.1016, 63.9152, 38.5060 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, 198, 152) }
```


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

```
.border{ border-color:rgb(255, 198, 152) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1016, 63.9152, 38.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 152) }
```

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

```
.background{ background-color: rgb(255,  
198, 152) }
```

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