

Converting Colors

XYZ(119.1496, 90.8186,
38.6578)

Have a look what the booklet for
XYZ(119.1496, 90.8186, 38.6578)
contains.

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Color

**XYZ(66.7005, 63.7548,
36.3942)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC693
RGB	255, 198, 147
RGB Percent	100%, 78%, 58%
CMY	0.0000, 0.2235, 0.4235
CMYK	0.00, 0.22, 0.42, 0.00
HSL	28°, 100%, 79%
HSV	28°, 42%, 100%
XYZ	66.7005, 63.7548, 36.3942
YIQ	209.2290, 50.3430, -3.7770

Conversions

Conversions Part 2

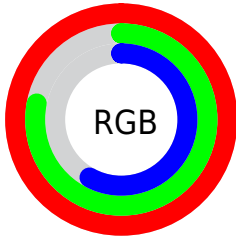
Format	Color
R _Y B	255, 244, 147
Decimal	16762515
CIE Lab	83.84, 13.99, 33.34
CIE LCh	84, 36.151, 67.235
Yxy	63.7548, 0.3998, 0.3821
Android (android.graphics.Color)	4294952595 (0xFFFFC693)
YUV	209.2290, -30.6789, 40.1412
Hunter-Lab	79.8466, 9.3799, 28.8682

Details

The XYZ color **66.7005, 63.7548, 36.3942** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.6745, 56.6064, 102.8100**, and the grayscale version is **60.9263, 64.0992, 69.8041**.

A 20% lighter version of the original color is **87.5426, 96.9970, 69.3667**, and **34.8495, 32.5268, 15.5079** is the 20% darker color. If you saturate the color by 10%, you get **61.9769, 57.1626, 26.0179**, and if you desaturate by 10%, it is **72.1442, 71.0771, 49.1998**.

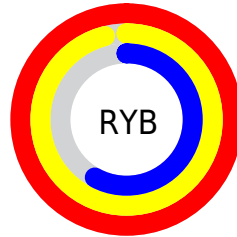
Distribution



Red (100%)

Green (78%)

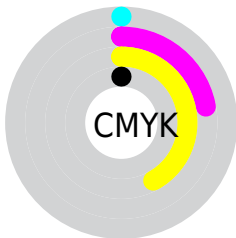
Blue (58%)



Red (100%)

Yellow (96%)

Blue (58%)

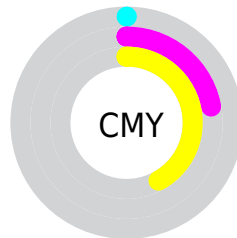


Cyan (0%)

Magenta (22%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7005, 63.7548, 36.3942 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 66.7005, 63.7548, 36.3942 by changing the saturation by 10% instead.


 66.7005, 63.7548,
36.3942

 66.7005, 63.7548,
36.3942


438.3272,
438.3036, 345.7696

 49.1111, 46.4521,
24.4467


 113.5433,
110.2577, 70.8160

 34.9225, 32.6027,
15.4501


 143.5274,
140.2268, 94.1273

 23.7694, 21.8223,
8.9857


178.3738,
175.1867, 122.0636

 15.2865, 13.7264,
4.6352

218.4478,
215.5219, 155.0435

 9.1083, 7.9306,
1.9799

264.1148,
261.6168, 193.4856

 4.8696, 4.0506,
0.5429

315.7401,

 2.2049, 1.7019,

313.8558, 237.8082

0.0000

373.6891,
372.6233, 288.4301

0.7453, 0.4249,
0.0000

0.0000, 0.0000,
0.0000

66.7005, 63.7548,
36.3942

66.7005, 63.7548,
36.3942

61.9769, 57.1626,
26.0179

72.1442, 71.0771,
49.1998

57.9317, 51.2655,
17.9087

78.3368, 79.1447,
64.5749

54.5261, 46.0382,
11.8902

85.3115, 87.9839,
82.6535

51.7140, 41.4502,
7.7579

93.0974, 97.6164,
103.5591

■ 49.4408, 37.4668, 95.0498, 99.9999,
5.2648 108.9000

■ 48.0082, 34.7967,
4.1861

Harmonies

Analogous

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



73.5870, 63.7548, 46.1740



66.7005, 63.7548, 36.3942



58.6939, 63.7548, 34.4415

Triad

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



66.7005, 63.7548, 36.3942



46.6745, 63.7548, 75.0737



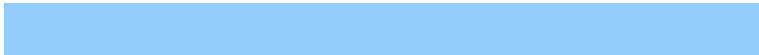
70.3155, 63.7548, 110.3864

Complementary

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



66.7005, 63.7548, 36.3942



51.6745, 56.6064, 102.8100

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.



62.5409, 63.7548, 122.4744



66.7005, 63.7548, 36.3942



49.2335, 63.7548, 99.3886

Square

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



66.7005, 63.7548, 36.3942



47.5776, 63.7548, 53.8324



54.8777, 63.7548, 118.0624



75.7981, 63.7548, 87.7545

Rectangle

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



66.7005, 63.7548, 36.3942



53.8732, 63.7548, 37.3398



54.8777, 63.7548, 118.0624



67.8582, 63.7548, 116.0198

Sweetspot

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



66.7021, 63.7578, 36.3955



84.8356, 87.3877, 81.3981



62.6451, 46.5165, 63.1820



17.8166, 18.2749, 16.5259



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.



66.7021, 63.7578, 36.3955



62.5754, 58.0132, 27.2849



81.1286, 92.6109, 41.2043



18.7168, 19.4019, 18.9028



25.2323, 18.4758, 2.2363



2.5651, 2.0156, 0.2539

Inverse Universe

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



51.6745, 56.6064, 102.8100



45.6987, 49.9732, 101.8450



41.0855, 35.4285, 99.2803



17.7965, 18.9646, 22.9725



14.0781, 13.0658, 51.2145



1.4802, 1.4910, 5.0231

Previews

White Background



This preview shows how the XYZ color 66.7005, 63.7548, 36.3942 looks on a white background.

Color Contrast Check

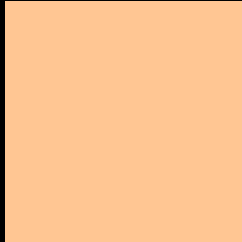
Large Text (above 18pt) WCAG AA × Fail

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 66.7005, 63.7548, 36.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

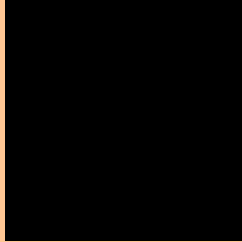
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7005, 63.7548, 36.3942

Background



This preview shows how black text looks on a background with the XYZ color 66.7005, 63.7548, 36.3942.



This preview shows how white text looks on a background with the XYZ color 66.7005, 63.7548,

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

66.7005, 63.7548, 36.3942

Protanopia

59.5193, 63.8755, 38.8980

Deuteranopia

64.9877, 63.5549, 36.4459



Tritanopia

71.4505, 63.8562, 66.9521

Trichromacy



Original Color

66.7005, 63.7548, 36.3942

Protanomaly

61.9284, 63.6975, 37.8850

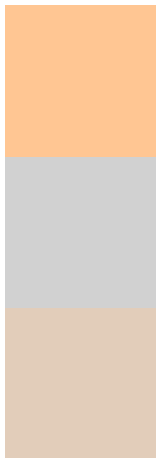
Deuteranomaly

65.4735, 63.4627, 36.4025

Tritanomaly

69.5121, 63.7930, 54.5485

Monochromacy



Original Color

66.7005, 63.7548, 36.3942

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.0583, 63.3766, 55.4165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7005, 63.7548, 36.3942 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 147) }
```

Border

The CSS property to change the border of an element to XYZ 66.7005, 63.7548, 36.3942 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, 147) }
```


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

```
.border{ border-color:rgb(255, 198, 147) }
```

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, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7005, 63.7548, 36.3942 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
198, 147) }
```

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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