

Converting Colors

XYZ(66.6533, 63.9011, 34.7313)

Have a look what the booklet for
XYZ(66.6533, 63.9011, 34.7313)
contains.

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Color

**XYZ(66.3920, 63.6313,
34.7694)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC68F |
| RGB | 255, 198, 143 |
| RGB Percent | 100%, 78%, 56% |
| CMY | 0.0000, 0.2235, 0.4392 |
| CMYK | 0.00, 0.22, 0.44, 0.00 |
| HSL | 29°, 100%, 78% |
| HSV | 29°, 44%, 100% |
| XYZ | 66.3920, 63.6313, 34.7694 |
| YIQ | 208.7730, 51.6270, -5.0210 |

Conversions

Conversions Part 2

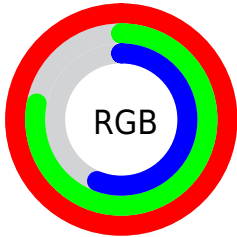
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 251, 143 |
| Decimal | 16762511 |
| CIE _{Lab} | 83.77, 13.58, 35.32 |
| CIE _{LCh} | 84, 37.842, 68.969 |
| Yxy | 63.6313, 0.4029, 0.3861 |
| Android (android.graphics.Color) | 4294952591 (0xFFFFC68F) |
| YUV | 208.7730, -32.4261, 40.5411 |
| Hunter-Lab | 79.7692, 8.9696, 29.9954 |

Details

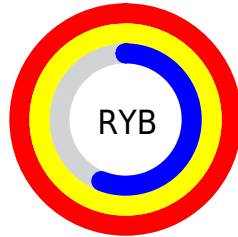
The XYZ color **66.3920, 63.6313, 34.7694** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.0311, 54.3661, 102.4644**, and the grayscale version is **60.6388, 63.7967, 69.4747**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **34.6700, 32.4550, 14.5623** is the 20% darker color. If you saturate the color by 10%, you get **61.8357, 57.2667, 24.7792**, and if you desaturate by 10%, it is **71.6447, 70.6859, 47.1590**.

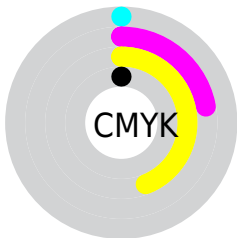
Distribution



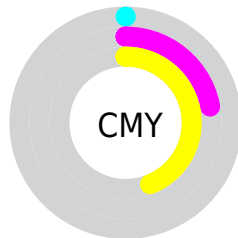
- Red (100%)
- Green (78%)
- Blue (56%)



- Red (100%)
- Yellow (98%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3920, 63.6313, 34.7694 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 66.3920, 63.6313, 34.7694 by changing the saturation by 10% instead.


 66.3920, 63.6313,
34.7694


 66.3920, 63.6313,
34.7694


437.2441,
437.8570, 338.4226

 48.8596, 46.3521,
23.2032


 113.1034,
110.0798, 68.2759

 34.7222, 32.5238,
14.5369


 143.0131,
140.0179, 91.0532

 23.6144, 21.7619,
8.3520


177.7792,
174.9444, 118.4047

 15.1710, 13.6820,
4.2300

217.7671,
215.2437, 150.7488

 9.0266, 7.8999,
1.7524

263.3422,
261.3002, 188.5041

 4.8158, 4.0309,
0.3963

314.8698,

 2.1732, 1.6909,

313.4983, 232.0891

0.0000

372.7153,
372.2225, 281.9225

0.7286, 0.4177,
0.0000

0.0000, 0.0000,
0.0000

66.3920, 63.6313,
34.7694

66.3920, 63.6313,
34.7694

61.8357, 57.2667,
24.7792

71.6447, 70.6859,
47.1590

57.9345, 51.5582,
17.0239

77.6225, 78.4445,
62.0902

54.6496, 46.4822,
11.3238

84.3579, 86.9320,
79.6981

51.9347, 42.0090,
7.4693

91.8799, 96.1692,
100.1075

■ 49.7344, 38.1051, 95.0499, 100.0000,
5.2047 108.9000

■ 48.6035, 35.9870,
4.3845

Harmonies

Analogous

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



73.7610, 63.6313, 44.3232



66.3920, 63.6313, 34.7694



58.0247, 63.6313, 33.2225

Triad

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



66.3920, 63.6313, 34.7694



46.0406, 63.6313, 76.6590



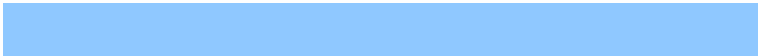
71.0860, 63.6313, 111.2596

Complementary

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



66.3920, 63.6313, 34.7694



50.0311, 54.3661, 102.4644

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.



63.0029, 63.6313, 124.9723



66.3920, 63.6313, 34.7694



48.8967, 63.6313, 102.2004

Square

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



66.3920, 63.6313, 34.7694



46.7683, 63.6313, 54.1361



54.9291, 63.6313, 121.3235



76.6387, 63.6313, 87.0221

Rectangle

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



66.3920, 63.6313, 34.7694



53.0720, 63.6313, 36.4861



54.9291, 63.6313, 121.3235



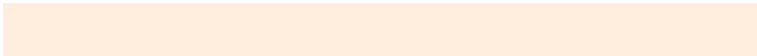
68.5463, 63.6313, 117.4787

Sweetspot

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



66.3936, 63.6343, 34.7707



85.0173, 87.7511, 81.4586



61.5897, 45.1163, 60.6388



17.8613, 18.3645, 16.5408



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.



66.3936, 63.6343, 34.7707



62.2274, 57.8252, 25.6032



81.3654, 93.5779, 39.7613



18.7460, 19.4602, 18.9125



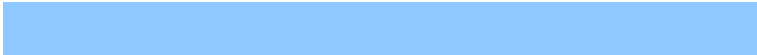
25.5450, 19.1012, 2.3405



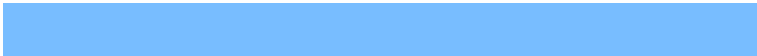
2.5962, 2.0778, 0.2642

Inverse Universe

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



50.0311, 54.3661, 102.4644



43.8919, 47.4364, 101.4505



39.4833, 33.2704, 98.9484



17.7672, 18.9060, 22.9627



13.7361, 12.3818, 51.1005



1.4468, 1.4243, 5.0119

Previews

White Background



This preview shows how the XYZ color 66.3920, 63.6313, 34.7694 looks on a white background.

Color Contrast Check

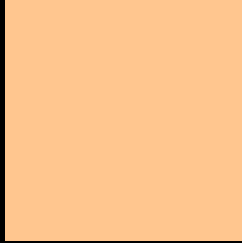
Large Text (above 18pt) WCAG AA × Fail

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 66.3920, 63.6313, 34.7694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

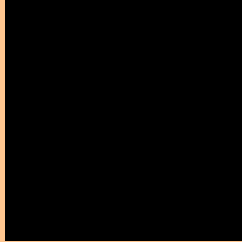
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3920, 63.6313, 34.7694

Background



This preview shows how black text looks on a background with the XYZ color 66.3920, 63.6313, 34.7694.



This preview shows how white text looks on a background with the XYZ color 66.3920, 63.6313,

34.7694.

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

66.3920, 63.6313, 34.7694

Protanopia

59.5098, 63.9078, 37.2159

Deuteranopia

65.0365, 63.6157, 34.8379



Tritanopia

71.3294, 63.8077, 66.3143

Trichromacy



Original Color

66.3920, 63.6313, 34.7694

Protanomaly

61.9447, 63.7425, 36.2328

Deuteranomaly

65.5262, 63.5255, 34.7946

Tritanomaly

69.1986, 63.6676, 52.8979

Monochromacy



Original Color

66.3920, 63.6313, 34.7694

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.9523, 63.3342, 54.8584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3920, 63.6313, 34.7694 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 143) }
```

Border

The CSS property to change the border of an element to XYZ 66.3920, 63.6313, 34.7694 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, 143) }
```


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

```
.border{ border-color:rgb(255, 198, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3920, 63.6313, 34.7694 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, 143) }
```

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

```
.background{ background-color: rgb(255,  
198, 143) }
```

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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