

Converting Colors

XYZ(68.4342, 67.1086, 37.3219)

Have a look what the booklet for
XYZ(68.4342, 67.1086, 37.3219)
contains.

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Color

**XYZ(68.4166, 67.0608,
37.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCD94
RGB	255, 205, 148
RGB Percent	100%, 80%, 58%
CMY	0.0000, 0.1961, 0.4196
CMYK	0.00, 0.20, 0.42, 0.00
HSL	32°, 100%, 79%
HSV	32°, 42%, 100%
XYZ	68.4166, 67.0608, 37.3550
YIQ	213.4520, 48.0970, -7.1270

Conversions

Conversions Part 2

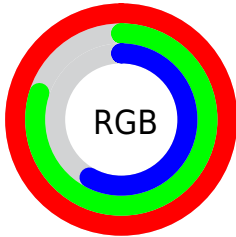
Format	Color
R _Y B	242, 255, 148
Decimal	16764308
CIE Lab	85.53, 10.45, 35.05
CIE LCh	86, 36.575, 73.393
Yxy	67.0608, 0.3959, 0.3880
Android (android.graphics.Color)	4294954388 (0xFFFFCD94)
YUV	213.4520, -32.2678, 36.4376
Hunter-Lab	81.8907, 5.8215, 30.2779

Details

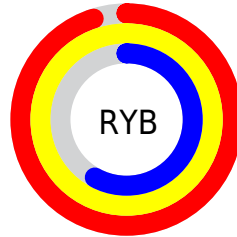
The XYZ color **68.4166, 67.0608, 37.3550** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.4559, 53.9019, 102.3523**, and the grayscale version is **63.7370, 67.0563, 73.0243**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **35.9892, 34.7320, 16.1164** is the 20% darker color. If you saturate the color by 10%, you get **63.8743, 60.8583, 26.9561**, and if you desaturate by 10%, it is **73.6239, 73.8816, 50.1704**.

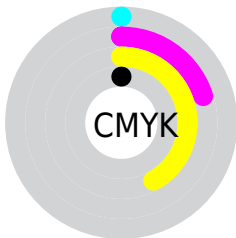
Distribution



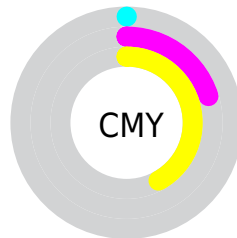
- Red (100%)
- Green (80%)
- Blue (58%)



- Red (95%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4166, 67.0608, 37.3550 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 68.4166, 67.0608, 37.3550 by changing the saturation by 10% instead.


 68.4166, 67.0608,
37.3550

 68.4166, 67.0608,
37.3550


444.3243,
450.1612, 350.0598

 50.5116, 49.1340,
25.1845

 115.9866,
115.0075, 72.3109

 36.0396, 34.7258,
15.9943

 146.3823,
145.7963, 95.9333

 24.6350, 23.4517,
9.3658


181.6723,
181.6412, 124.2102

 15.9326, 14.9274,
4.8805

222.2220,
222.9266, 157.5601

 9.5670, 8.7685,
2.1198

268.3966,
270.0369, 196.4014

 5.1729, 4.5905,
0.6275

320.5617,

 2.3849, 2.0090,

323.3565, 241.1528

0.0000

379.0824,
383.2698, 292.2327

■ 0.8376, 0.6127,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.4166, 67.0608,
37.3550

■ 68.4166, 67.0608,
37.3550

■ 63.8743, 60.8583,
26.9561

■ 73.6239, 73.8816,
50.1704

■ 59.9577, 55.2432,
18.8126

■ 79.5228, 81.3312,
65.5411

■ 56.6304, 50.1954,
12.7500

■ 86.1440, 89.4318,
83.6001

■ 53.8492, 45.6894,
8.5657

■ 93.5150, 98.2011,
104.4699

■ 51.5626, 41.6961, 95.0499, 100.0000,
6.0160 108.9000

■ 50.0237, 38.8275,
4.8579

Harmonies

Analogous

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



76.0711, 67.0608, 45.8732



68.4166, 67.0608, 37.3550



60.1090, 67.0608, 36.9316

Triad

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



68.4166, 67.0608, 37.3550



49.4230, 67.0608, 84.1399



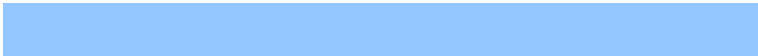
75.3602, 67.0608, 111.5794

Complementary

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



68.4166, 67.0608, 37.3550



50.4559, 53.9019, 102.3523

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.



67.5129, 67.0608, 127.2022



68.4166, 67.0608, 37.3550



52.8178, 67.0608, 109.1883

Square

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



68.4166, 67.0608, 37.3550



49.6191, 67.0608, 60.7028



59.2801, 67.0608, 126.2426



80.3123, 67.0608, 86.8950

Rectangle

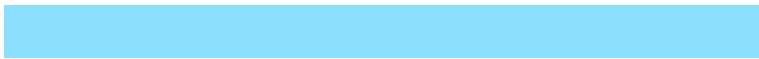
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.4166, 67.0608, 37.3550



55.3424, 67.0608, 41.0843



59.2801, 67.0608, 126.2426



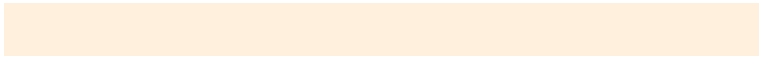
72.9453, 67.0608, 118.2825

Sweetspot

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



68.4183, 67.0640, 37.3563



85.4211, 88.5586, 81.5932



62.2224, 46.5973, 60.1853



17.9609, 18.5636, 16.5740



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.



68.4183, 67.0640, 37.3563



64.7145, 62.0275, 28.8116



81.6922, 94.5813, 41.9681



18.8107, 19.5896, 18.9341



26.2895, 20.5902, 2.5887



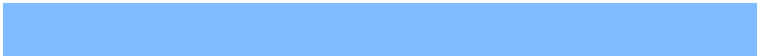
2.6691, 2.2236, 0.2885

Inverse Universe

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



50.4559, 53.9019, 102.3523



44.6627, 47.3419, 101.3917



41.1783, 34.8640, 99.1666



17.7027, 18.7770, 22.9412



13.0338, 10.9772, 50.8664



1.3772, 1.2851, 4.9887

Previews

White Background



This preview shows how the XYZ color 68.4166, 67.0608, 37.3550 looks on a white background.

Color Contrast Check

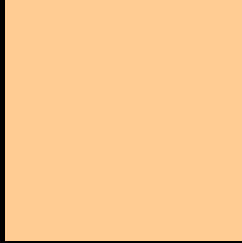
Large Text (above 18pt) WCAG AA × Fail

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 68.4166, 67.0608, 37.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

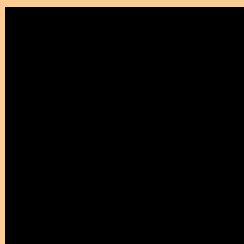
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4166, 67.0608, 37.3550

Background



This preview shows how black text looks on a background with the XYZ color 68.4166, 67.0608, 37.3550.



This preview shows how white text looks on a background with the XYZ color 68.4166, 67.0608,

37.3550.

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

68.4166, 67.0608, 37.3550

Protanopia

62.6691, 67.3491, 39.4024

Deuteranopia

68.4961, 67.0926, 37.7738



Tritanopia

73.5471, 66.8603, 71.3163

Trichromacy



Original Color

68.4166, 67.0608, 37.3550

Protanomaly

64.8154, 67.3482, 38.8615

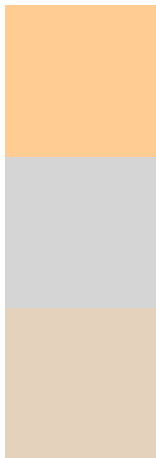
Deuteranomaly

68.4961, 67.0926, 37.7738

Tritanomaly

71.3120, 66.7074, 57.2614

Monochromacy



Original Color

68.4166, 67.0608, 37.3550

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.2268, 66.2613, 57.5487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4166, 67.0608, 37.3550 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, 205, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 148)  
}
```

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, 205, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 148) }
```

Border

The CSS property to change the border of an element to XYZ 68.4166, 67.0608, 37.3550 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, 205, 148) }
```


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

```
.border{ border-color:rgb(255, 205, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4166, 67.0608, 37.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 148) }
```

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

```
.background{ background-color: rgb(255,  
205, 148) }
```

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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