

Converting Colors

XYZ(69.6924, 67.3854, 36.2009)

Have a look what the booklet for
XYZ(69.6924, 67.3854, 36.2009)
contains.

XYZ(67.9437, 66.4901, 36.0409)	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(67.9437, 66.4901,
36.0409)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCC91
RGB	255, 204, 145
RGB Percent	100%, 80%, 57%
CMY	0.0000, 0.2000, 0.4314
CMYK	0.00, 0.20, 0.43, 0.00
HSL	32°, 100%, 78%
HSV	32°, 43%, 100%
XYZ	67.9437, 66.4901, 36.0409
YIQ	212.5230, 49.3350, -7.5370

Conversions

Conversions Part 2

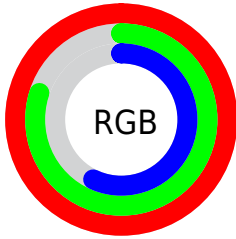
Format	Color
R _Y B	240, 255, 145
Decimal	16764049
CIE Lab	85.25, 10.66, 36.21
CIE LCh	85, 37.750, 73.592
Yxy	66.4901, 0.3986, 0.3900
Android (android.graphics.Color)	4294954129 (0xFFFFCC91)
YUV	212.5230, -33.2888, 37.2523
Hunter-Lab	81.5415, 6.0360, 30.8732

Details

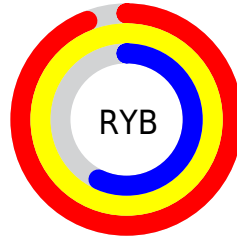
The XYZ color **67.9437, 66.4901, 36.0409** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.4662, 52.7175, 102.1759**, and the grayscale version is **63.1208, 66.4080, 72.3183**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **35.6917, 34.3566, 15.3400** is the 20% darker color. If you saturate the color by 10%, you get **63.4903, 60.3847, 25.9204**, and if you desaturate by 10%, it is **73.0550, 73.2049, 48.5592**.

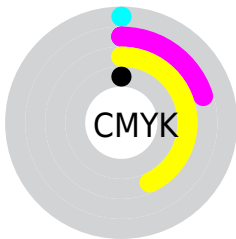
Distribution



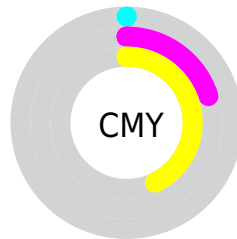
- Red (100%)
- Green (80%)
- Blue (57%)



- Red (94%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9437, 66.4901, 36.0409 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 67.9437, 66.4901, 36.0409 by changing the saturation by 10% instead.


 67.9437, 66.4901,
36.0409

 67.9437, 66.4901,
36.0409


442.6764,
448.1276, 344.1821

 50.1254, 48.6704,
24.1758


 115.3140,
114.1895, 70.2649

 35.7313, 34.3581,
15.2507


 145.5967,
144.8379, 93.4610

 24.3959, 23.1688,
8.8470


180.7649,
180.5313, 121.2712

 15.7539, 14.7182,
4.5460

221.1840,
221.6542, 154.1139

 9.4399, 8.6219,
1.9294

267.2193,
268.5908, 192.4079

 5.0886, 4.4954,
0.5114

319.2363,

 2.3346, 1.9543,

321.7257, 236.5715

0.0000

377.6002,
381.4432, 287.0234

■ 0.8123, 0.5807,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.9437, 66.4901,
36.0409

■ 67.9437, 66.4901,
36.0409

■ 63.4903, 60.3847,
25.9204

■ 73.0550, 73.2049,
48.5592

■ 59.6552, 54.8578,
18.0346

■ 78.8510, 80.5396,
63.6155

■ 56.4017, 49.8895,
12.2065

■ 85.3625, 88.5162,
81.3440

■ 53.6859, 45.4541,
8.2297

■ 92.6172, 97.1525,
101.8681

■ 51.4552, 41.5222, 95.0499, 100.0000,
5.8538 108.9000

■ 50.1552, 39.0906,
4.9018

Harmonies

Analogous

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



75.8348, 66.4901, 44.5997



67.9437, 66.4901, 36.0409



59.4206, 66.4901, 35.6669

Triad

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



67.9437, 66.4901, 36.0409



48.5587, 66.4901, 84.0047



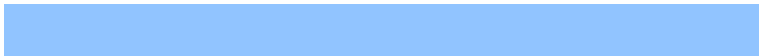
75.1929, 66.4901, 112.0212

Complementary

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



67.9437, 66.4901, 36.0409



49.4662, 52.7175, 102.1759

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.



67.1298, 66.4901, 128.3189



67.9437, 66.4901, 36.0409



52.0473, 66.4901, 109.8514

Square

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



67.9437, 66.4901, 36.0409



48.7339, 66.4901, 59.9226



58.6764, 66.4901, 127.4458



80.2707, 66.4901, 86.4912

Rectangle

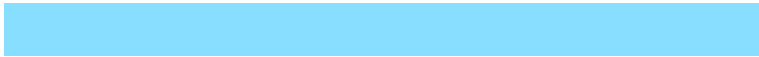
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9437, 66.4901, 36.0409



54.5504, 66.4901, 39.8961



58.6764, 66.4901, 127.4458



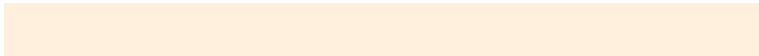
72.7118, 66.4901, 118.9930

Sweetspot

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



67.9453, 66.4933, 36.0422



85.4566, 88.6297, 81.6051



61.3675, 45.5121, 57.9746



17.9697, 18.5811, 16.5769



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.



67.9453, 66.4933, 36.0422



63.9648, 61.0493, 26.9549



80.7747, 94.1354, 40.7015



18.8164, 19.6010, 18.9360



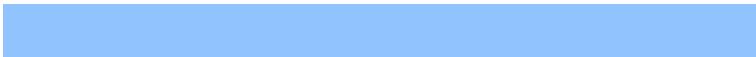
26.3583, 20.7279, 2.6116



2.6758, 2.2370, 0.2907

Inverse Universe

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



49.4662, 52.7175, 102.1759



43.2465, 45.6143, 101.1328



40.5097, 33.8298, 99.0022



17.6970, 18.7657, 22.9394



12.9757, 10.8609, 50.8471



1.3714, 1.2734, 4.9868

Previews

White Background



This preview shows how the XYZ color 67.9437, 66.4901, 36.0409 looks on a white background.

Color Contrast Check

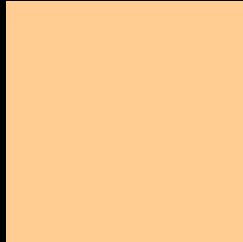
Large Text (above 18pt) WCAG AA × Fail

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 67.9437, 66.4901, 36.0409 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 67.9437, 66.4901, 36.0409

Background



This preview shows how black text looks on a background with the XYZ color 67.9437, 66.4901, 36.0409.



This preview shows how white text looks on a background with the XYZ color 67.9437, 66.4901,

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

67.9437, 66.4901, 36.0409

Protanopia

61.8522, 66.5814, 38.0253

Deuteranopia

67.9437, 66.4901, 36.0409



Tritanopia

73.1920, 66.3513, 70.5775

Trichromacy



Original Color

67.9437, 66.4901, 36.0409

Protanomaly

63.9885, 66.5820, 37.4960

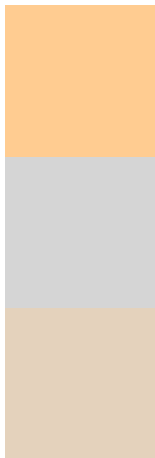
Deuteranomaly

67.9437, 66.4901, 36.0409

Tritanomaly

70.8639, 66.1564, 56.0482

Monochromacy



Original Color

67.9437, 66.4901, 36.0409

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.1186, 66.2180, 56.9789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9437, 66.4901, 36.0409 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, 204, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 145)  
}
```

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, 204, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 145) }
```

Border

The CSS property to change the border of an element to XYZ 67.9437, 66.4901, 36.0409 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, 204, 145) }
```


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

```
.border{ border-color:rgb(255, 204, 145) }
```

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

Here you see how a box with a 4 pixel rgb(255, 204, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9437, 66.4901, 36.0409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 145) }
```

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

```
.background{ background-color: rgb(255,  
204, 145) }
```

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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