

Converting Colors

XYZ(67.1184, 64.7033, 36.1859)

Have a look what the booklet for
XYZ(67.1184, 64.7033, 36.1859)
contains.

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Color

**XYZ(67.0826, 64.6439,
36.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC892
RGB	255, 200, 146
RGB Percent	100%, 78%, 57%
CMY	0.0000, 0.2157, 0.4274
CMYK	0.00, 0.22, 0.43, 0.00
HSL	30°, 100%, 79%
HSV	30°, 43%, 100%
XYZ	67.0826, 64.6439, 36.1360
YIQ	210.2890, 50.1140, -5.1340

Conversions

Conversions Part 2

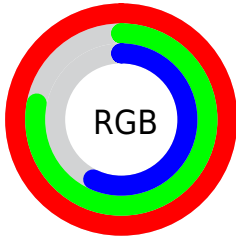
Format	Color
R_{YB}	255, 253, 146
Decimal	16763026
CIE _{Lab}	84.30, 12.84, 34.46
CIE _{LCh}	84, 36.776, 69.559
Yxy	64.6439, 0.3996, 0.3851
Android (android.graphics.Color)	4294953106 (0xFFFFC892)
YUV	210.2890, -31.6945, 39.2115
Hunter-Lab	80.4014, 8.2282, 29.6334

Details

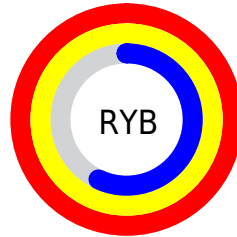
The XYZ color **67.0826, 64.6439, 36.1360** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.7899, 55.1022, 102.5665**, and the grayscale version is **61.6286, 64.8381, 70.6087**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **35.1094, 33.1198, 15.3688** is the 20% darker color. If you saturate the color by 10%, you get **62.4609, 58.2288, 25.8767**, and if you desaturate by 10%, it is **72.4007, 71.7437, 48.8114**.

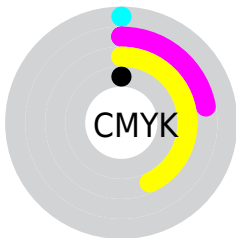
Distribution



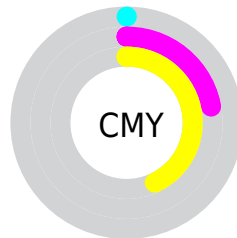
- Red (100%)
- Green (78%)
- Blue (57%)



- Red (100%)
- Yellow (99%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0826, 64.6439, 36.1360 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 67.0826, 64.6439, 36.1360 by changing the saturation by 10% instead.


 67.0826, 64.6439,
36.1360

 67.0826, 64.6439,
36.1360


439.6666,
441.5112, 344.6100

 49.4227, 47.1724,
24.2487


 114.0879,
111.5377, 70.4133

 35.1708, 33.1720,
15.3043


 144.1640,
141.7289, 93.6405

 23.9616, 22.2582,
8.8843


179.1096,
176.9286, 121.4846

 15.4297, 14.0467,
4.5700

219.2900,
217.5215, 154.3644

 9.2098, 8.1532,
1.9430

265.0705,
263.8917, 192.6983

 4.9365, 4.1931,
0.5199

316.8165,

 2.2444, 1.7822,

316.4239, 236.9048

0.0000

374.8934,
375.5022, 287.4025

■ 0.7660, 0.4760,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.0826, 64.6439,
36.1360

■ 67.0826, 64.6439,
36.1360

■ 62.4609, 58.2288,
25.8767

■ 72.4007, 71.7437,
48.8114

■ 58.4949, 52.4649,
17.8706

■ 78.4433, 79.5415,
64.0431

■ 55.1464, 47.3291,
11.9412

■ 85.2427, 88.0619,
81.9653

■ 52.3701, 42.7928,
7.8827

■ 92.8274, 97.3252,
102.7015

■ 50.1122, 38.8232, 95.0499, 100.0000,
5.4465 108.9000

■ 48.7448, 36.2697,
4.4316

Harmonies

Analogous

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



74.3411, 64.6439, 45.4856



67.0826, 64.6439, 36.1360



58.8750, 64.6439, 34.7410

Triad

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



67.0826, 64.6439, 36.1360



47.2407, 64.6439, 78.1096



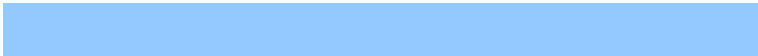
71.9789, 64.6439, 110.9944

Complementary

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



67.0826, 64.6439, 36.1360



50.7899, 55.1022, 102.5665

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.



64.0828, 64.6439, 124.6047



67.0826, 64.6439, 36.1360



50.1288, 64.6439, 103.0337

Square

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



67.0826, 64.6439, 36.1360



47.8896, 64.6439, 55.8388



56.1270, 64.6439, 121.4066



77.3369, 64.6439, 87.2634

Rectangle

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



67.0826, 64.6439, 36.1360



54.0270, 64.6439, 38.1049



56.1270, 64.6439, 121.4066



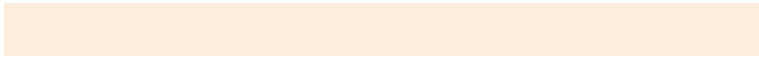
69.5063, 64.6439, 117.1193

Sweetspot

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



67.0842, 64.6470, 36.1373



85.0593, 87.8350, 81.4726



62.2174, 46.0976, 61.6929



17.8717, 18.3851, 16.5443



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.



67.0842, 64.6470, 36.1373



63.2191, 59.3006, 27.4994



81.6115, 93.7016, 40.9797



18.7527, 19.4737, 18.9147



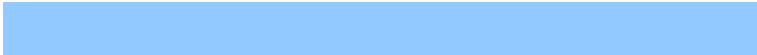
25.6192, 19.2497, 2.3653



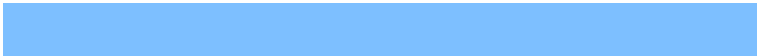
2.6036, 2.0925, 0.2667

Inverse Universe

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



50.7899, 55.1022, 102.5665



45.0362, 48.6482, 101.6241



40.4658, 34.4541, 99.1251



17.7605, 18.8925, 22.9605



13.6594, 12.2284, 51.0750



1.4393, 1.4092, 5.0094

Previews

White Background



This preview shows how the XYZ color 67.0826, 64.6439, 36.1360 looks on a white background.

Color Contrast Check

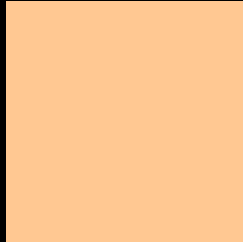
Large Text (above 18pt) WCAG AA × Fail

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 67.0826, 64.6439, 36.1360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

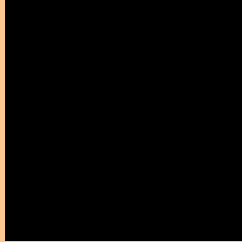
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0826, 64.6439, 36.1360

Background



This preview shows how black text looks on a background with the XYZ color 67.0826, 64.6439, 36.1360.



This preview shows how white text looks on a background with the XYZ color 67.0826, 64.6439,

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

67.0826, 64.6439, 36.1360

Protanopia

60.2302, 64.6261, 38.1538

Deuteranopia

66.0925, 64.8256, 36.2233



Tritanopia

72.0176, 64.7952, 67.7425

Trichromacy



Original Color

67.0826, 64.6439, 36.1360

Protanomaly

62.4212, 64.3171, 37.5583

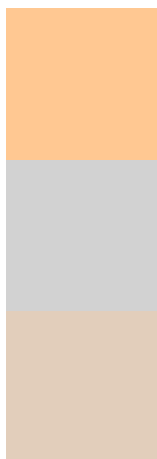
Deuteranomaly

66.2198, 64.5441, 36.1622

Tritanomaly

69.9632, 64.6953, 54.6989

Monochromacy



Original Color

67.0826, 64.6439, 36.1360

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.4050, 63.8992, 56.0584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0826, 64.6439, 36.1360 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, 200, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 146)  
}
```

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, 200, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 146) }
```

Border

The CSS property to change the border of an element to XYZ 67.0826, 64.6439, 36.1360 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, 200, 146) }
```


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

```
.border{ border-color:rgb(255, 200, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0826, 64.6439, 36.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 146) }
```

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

```
.background{ background-color: rgb(255,  
200, 146) }
```

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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