

Converting Colors

XYZ(67.3792, 64.3458, 38.9830)

Have a look what the booklet for
XYZ(67.3792, 64.3458, 38.9830)
contains.

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Color

**XYZ(67.4132, 64.4068,
39.0157)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC799
RGB	255, 199, 153
RGB Percent	100%, 78%, 60%
CMY	0.0000, 0.2196, 0.4000
CMYK	0.00, 0.22, 0.40, 0.00
HSL	27°, 100%, 80%
HSV	27°, 40%, 100%
XYZ	67.4132, 64.4068, 39.0157
YIQ	210.5000, 48.1420, -2.4340

Conversions

Conversions Part 2

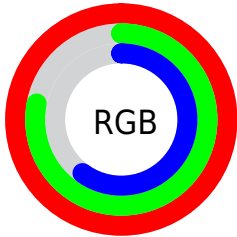
Format	Color
R _Y B	255, 237, 153
Decimal	16762777
CIE Lab	84.18, 14.10, 30.66
CIE LCh	84, 33.752, 65.301
Yxy	64.4068, 0.3946, 0.3770
Android (android.graphics.Color)	4294952857 (0xFFFFC799)
YUV	210.5000, -28.3475, 39.0265
Hunter-Lab	80.2538, 9.4957, 27.3536

Details

The XYZ color **67.4132, 64.4068, 39.0157** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.9864, 59.5910, 103.2644**, and the grayscale version is **61.7472, 64.9629, 70.7446**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **35.2393, 32.9261, 16.8100** is the 20% darker color. If you saturate the color by 10%, you get **62.4542, 57.5067, 28.0588**, and if you desaturate by 10%, it is **73.1219, 72.0857, 52.4441**.

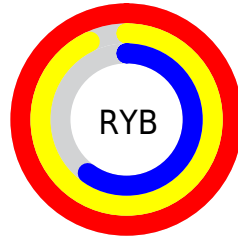
Distribution



Red (100%)

Green (78%)

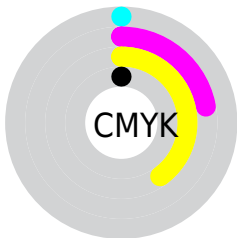
Blue (60%)



Red (100%)

Yellow (93%)

Blue (60%)

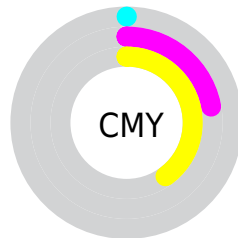


Cyan (0%)

Magenta (22%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4132, 64.4068, 39.0157 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 67.4132, 64.4068, 39.0157 by changing the saturation by 10% instead.


 67.4132, 64.4068,
39.0157

 67.4132, 64.4068,
39.0157


440.8235,
440.6572, 357.3852

 49.6924, 46.9802,
26.4640


 114.5588,
111.1966, 74.8829

 35.3859, 33.0200,
16.9422


 144.7144,
141.3286, 99.0355

 24.1282, 22.1418,
10.0318


179.7456,
176.4646, 127.8922

 15.5540, 13.9611,
5.3142

220.0177,
216.9888, 161.8714

 9.2979, 8.0936,
2.3708

265.8963,
263.2858, 201.3918

 4.9947, 4.1549,
0.7705

317.7465,

 2.2789, 1.7606,

315.7400, 246.8719

0.0000

375.9338,
374.7356, 298.7302

■ 0.7838, 0.4624,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.4132, 64.4068,
39.0157

■ 67.4132, 64.4068,
39.0157

■ 62.4542, 57.5067,
28.0588

■ 73.1219, 72.0857,
52.4441

■ 58.2030, 51.3487,
19.4145

■ 79.6094, 80.5599,
68.4816

■ 54.6208, 45.9064,
12.9113

■ 86.9090, 89.8572,
87.2602

■ 51.6619, 41.1477,
8.3516

95.0499, 100.0000,
108.9000

■ 49.2730, 37.0365,
5.5001

■ 47.3724, 33.5249,
3.9742

■ 47.3723, 33.5247,
3.9741

Harmonies

Analogous

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



73.6958, 64.4068, 48.9523



67.4132, 64.4068, 39.0157



59.9001, 64.4068, 36.6403

Triad

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



67.4132, 64.4068, 39.0157



48.0065, 64.4068, 73.9952



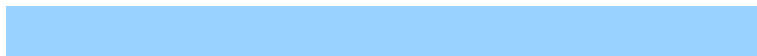
69.8925, 64.4068, 109.3168

Complementary

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



67.4132, 64.4068, 39.0157



53.9864, 59.5910, 103.2644

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.



62.5525, 64.4068, 119.5467



67.4132, 64.4068, 39.0157



50.2325, 64.4068, 96.6694

Square

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



67.4132, 64.4068, 39.0157



49.0790, 64.4068, 54.3136



55.4121, 64.4068, 114.5029



75.2068, 64.4068, 88.7480

Rectangle

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



67.4132, 64.4068, 39.0157



55.2844, 64.4068, 39.1392



55.4121, 64.4068, 114.5029



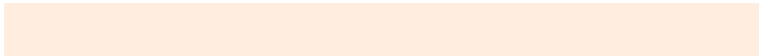
67.5590, 64.4068, 114.2502

Sweetspot

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



67.4148, 64.4099, 39.0170



85.3822, 87.9302, 83.2779



64.1526, 48.6515, 66.3965



18.0658, 18.5552, 17.2815



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.



67.4148, 64.4099, 39.0170



63.3880, 58.8264, 30.0594



81.1444, 91.8690, 43.5935



18.6840, 19.3363, 18.8919



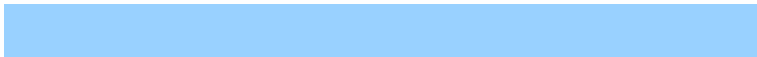
24.8974, 17.8061, 2.1247



2.5315, 1.9483, 0.2426

Inverse Universe

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



53.9864, 59.5910, 103.2644



48.2662, 53.3868, 102.3685



43.4314, 38.4809, 99.7461



17.8296, 19.0309, 22.9836



14.4820, 13.8736, 51.3492



1.5192, 1.5692, 5.0361

Previews

White Background



This preview shows how the XYZ color 67.4132, 64.4068, 39.0157 looks on a white background.

Color Contrast Check

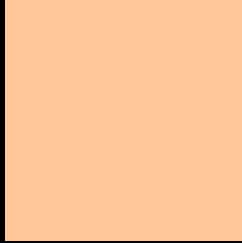
Large Text (above 18pt) WCAG AA × Fail

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 67.4132, 64.4068, 39.0157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

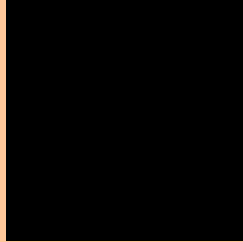
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4132, 64.4068, 39.0157

Background



This preview shows how black text looks on a background with the XYZ color 67.4132, 64.4068, 39.0157.



This preview shows how white text looks on a background with the XYZ color 67.4132, 64.4068,

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

67.4132, 64.4068, 39.0157

Protanopia

60.2695, 64.5694, 41.6343

Deuteranopia

65.7033, 64.2129, 39.0684



Tritanopia

71.7943, 64.3486, 67.6680

Trichromacy



Original Color

67.4132, 64.4068, 39.0157

Protanomaly

62.6641, 64.3758, 40.5755

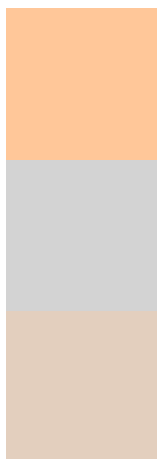
Deuteranomaly

66.1877, 64.1177, 39.0245

Tritanomaly

69.9496, 64.3277, 55.7435

Monochromacy



Original Color

67.4132, 64.4068, 39.0157

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.2856, 64.6742, 57.8631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4132, 64.4068, 39.0157 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, 199, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 153)  
}
```

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, 199, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 153) }
```

Border

The CSS property to change the border of an element to XYZ 67.4132, 64.4068, 39.0157 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, 199, 153) }
```


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

```
.border{ border-color:rgb(255, 199, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4132, 64.4068, 39.0157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 153) }
```

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

```
.background{ background-color: rgb(255,  
199, 153) }
```

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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