

Converting Colors

XYZ(69.5666, 68.6117, 49.9175)

Have a look what the booklet for
XYZ(69.5666, 68.6117, 49.9175)
contains.

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Color

**XYZ(69.3607, 68.3466,
50.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D0AF
RGB	249, 208, 175
RGB Percent	98%, 82%, 69%
CMY	0.0235, 0.1843, 0.3137
CMYK	0.00, 0.16, 0.30, 0.02
HSL	27°, 86%, 83%
HSV	27°, 30%, 98%
XYZ	69.3607, 68.3466, 50.0940
YIQ	216.4970, 35.0290, -1.5710

Conversions

Conversions Part 2

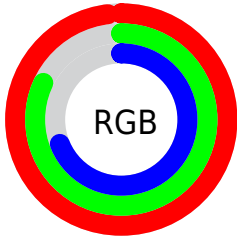
Format	Color
R _Y B	249, 235, 175
Decimal	16371887
CIE Lab	86.18, 9.73, 21.77
CIE LCh	86, 23.848, 65.932
Yxy	68.3466, 0.3693, 0.3639
Android (android.graphics.Color)	4294561967 (0xFFFF9D0AF)
YUV	216.4970, -20.4580, 28.5051
Hunter-Lab	82.6720, 5.0831, 21.9444

Details

The XYZ color **69.3607, 68.3466, 50.0940** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.3334, 65.0635, 99.0542**, and the grayscale version is **65.7293, 69.1524, 75.3069**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **36.8067, 35.7228, 23.3676** is the 20% darker color. If you saturate the color by 10%, you get **63.9193, 61.0230, 37.3069**, and if you desaturate by 10%, it is **75.5492, 76.4420, 65.3564**.

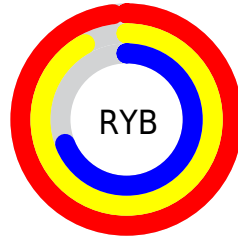
Distribution



Red (98%)

Green (82%)

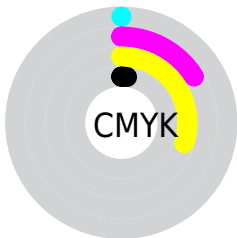
Blue (69%)



Red (98%)

Yellow (92%)

Blue (69%)

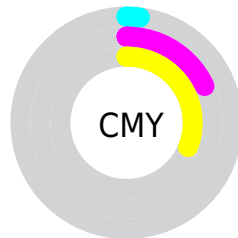


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3607, 68.3466, 50.0940 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 69.3607, 68.3466, 50.0940 by changing the saturation by 10% instead.


 69.3607, 68.3466,
50.0940

 69.3607, 68.3466,
50.0940


447.6036,
454.7231, 403.7790

 51.2832, 50.1798,
35.1164


 117.3279,
116.8478, 91.7119

 36.6560, 35.5563,
23.4683


147.9483,
147.9510, 119.1892

 25.1137, 24.0917,
14.7311


183.4804,
184.1351, 151.6702

 16.2910, 15.4016,
8.4864

224.2895,
225.7845, 189.5734

 9.8225, 9.1018,
4.3155

270.7410,
273.2836, 233.3174

 5.3428, 4.8076,
1.8000

323.2003,

 2.4866, 2.1348,

327.0168, 283.3206

0.4279

382.0327,
387.3685, 340.0016

■ 0.8885, 0.6841,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.3607, 68.3466,
50.0940

■ 69.3607, 68.3466,
50.0940

■ 63.9193, 61.0230,
37.3069

■ 75.5492, 76.4420,
65.3564

■ 59.1873, 54.4370,
26.8576

■ 82.5096, 85.3231,
83.2128

■ 55.1317, 48.5653,
18.6016

■ 90.2717, 95.0154,
103.7796

■ 51.7141, 43.3798,
12.3764

■ 92.8771, 98.8798,
108.7983

■ 48.8913, 38.8497,
7.9965

■ 46.6132, 34.9407,
5.2416

■ 44.8041, 31.6078,
3.7596

■ 44.7578, 31.5212,
3.7252

Harmonies

Analogous

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



73.8860, 68.3466, 58.0548



69.3607, 68.3466, 50.0940



63.8770, 68.3466, 48.2239

Triad

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



69.3607, 68.3466, 50.0940



55.0206, 68.3466, 77.5848



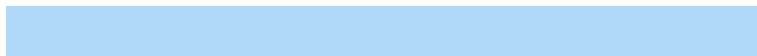
71.3526, 68.3466, 101.6689

Complementary

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



69.3607, 68.3466, 50.0940



59.3334, 65.0635, 99.0542

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.



66.0580, 68.3466, 108.7064



69.3607, 68.3466, 50.0940



56.7860, 68.3466, 93.5983

Square

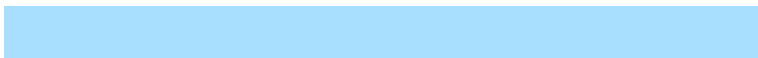
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3607, 68.3466, 50.0940



55.7949, 68.3466, 62.7606



60.7522, 68.3466, 105.5628



75.0806, 68.3466, 87.4359

Rectangle

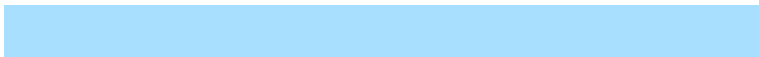
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.3607, 68.3466, 50.0940



60.4552, 68.3466, 50.4137



60.7522, 68.3466, 105.5628



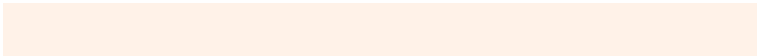
69.6861, 68.3466, 105.0394

Sweetspot

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



69.3625, 68.3498, 50.0954



87.6499, 90.7637, 89.2807



66.9132, 55.8068, 72.8460



18.5186, 19.1217, 18.4782



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.



69.3625, 68.3498, 50.0954



69.4959, 67.1657, 44.0458



79.1760, 87.9768, 53.3666



17.8819, 18.4997, 18.0907



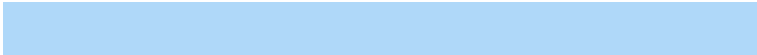
24.0949, 17.1464, 2.0396



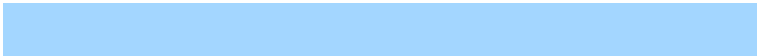
2.3356, 1.7960, 0.2236

Inverse Universe

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



59.3334, 65.0635, 99.0542



57.2560, 63.1492, 103.7790



51.0867, 48.5701, 96.3053



17.0804, 18.2376, 22.0053



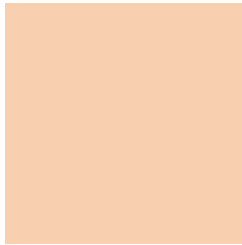
14.1574, 13.6703, 49.8660



1.4170, 1.4777, 4.6537

Previews

White Background



This preview shows how the XYZ color 69.3607, 68.3466, 50.0940 looks on a white background.

Color Contrast Check

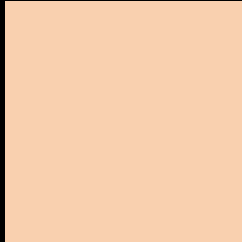
Large Text (above 18pt) WCAG AA × Fail

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 69.3607, 68.3466, 50.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

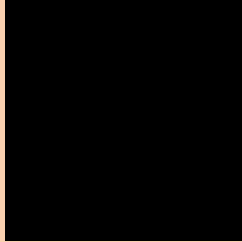
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3607, 68.3466, 50.0940

Background



This preview shows how black text looks on a background with the XYZ color 69.3607, 68.3466, 50.0940.



This preview shows how white text looks on a background with the XYZ color 69.3607, 68.3466,

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

69.3607, 68.3466, 50.0940

Protanopia

64.4320, 68.3495, 52.4447

Deuteranopia

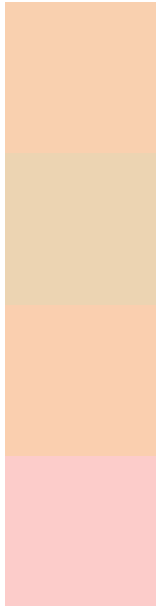
69.8343, 68.2300, 50.0465



Tritanopia

74.6485, 68.3738, 75.5927

Trichromacy



Original Color

69.3607, 68.3466, 50.0940

Protanomaly

66.1714, 68.1342, 51.7831

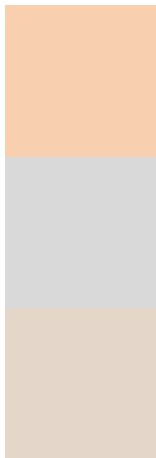
Deuteranomaly

69.4750, 68.0448, 50.0297

Tritanomaly

72.3984, 68.1454, 65.2147

Monochromacy



Original Color

69.3607, 68.3466, 50.0940

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.0203, 69.0154, 65.6661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3607, 68.3466, 50.0940 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(249, 208, 175)` looks like.

```
.text, #text, p{  
    color:rgb(249, 208, 175)  
}
```

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(249, 208, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 208, 175) }
```

Border

The CSS property to change the border of an element to XYZ 69.3607, 68.3466, 50.0940 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(249, 208, 175) }
```


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

```
.border{ border-color:rgb(249, 208, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 208, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 208, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 208, 175);  
box-shadow:4px 4px 4px 4px rgb(249, 208,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3607, 68.3466, 50.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 208, 175) }
```

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

```
.background{ background-color: rgb(249,  
208, 175) }
```

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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