

Converting Colors

XYZ(64.7707, 62.2701, 36.5694)

Have a look what the booklet for XYZ(64.7707, 62.2701, 36.5694) contains.

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Color

**XYZ(64.7359, 62.3946,
36.6484)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC594
RGB	250, 197, 148
RGB Percent	98%, 77%, 58%
CMY	0.0196, 0.2274, 0.4196
CMYK	0.00, 0.21, 0.41, 0.02
HSL	29°, 91%, 78%
HSV	29°, 41%, 98%
XYZ	64.7359, 62.3946, 36.6484
YIQ	207.2610, 47.3170, -4.0030

Conversions

Conversions Part 2

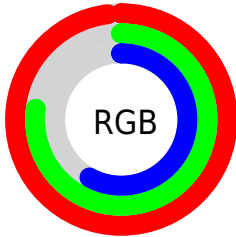
Format	Color
R _Y B	250, 242, 148
Decimal	16434580
CIE Lab	83.12, 12.66, 31.78
CIE LCh	83, 34.210, 68.271
Yxy	62.3946, 0.3953, 0.3810
Android (android.graphics.Color)	4294624660 (0xFFFA C594)
YUV	207.2610, -29.2157, 37.4821
Hunter-Lab	78.9903, 8.0555, 27.7849

Details

The XYZ color **64.7359, 62.3946, 36.6484** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.3540, 54.9694, 98.3986**, and the grayscale version is **59.6390, 62.7448, 68.3291**.

A 20% lighter version of the original color is **87.3425, 96.4079, 69.8823**, and **33.7184, 31.7145, 15.6536** is the 20% darker color. If you saturate the color by 10%, you get **60.1437, 56.0423, 26.3868**, and if you desaturate by 10%, it is **70.0127, 69.4320, 49.2478**.

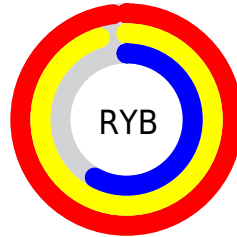
Distribution



Red (98%)

Green (77%)

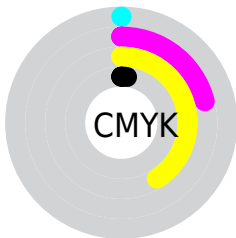
Blue (58%)



Red (98%)

Yellow (95%)

Blue (58%)

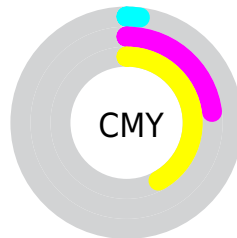


Cyan (0%)

Magenta (21%)

Yellow (41%)

Black (2%)



Cyan (2%)


Magenta (23%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7359, 62.3946, 36.6484 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 64.7359, 62.3946, 36.6484 by changing the saturation by 10% instead.


 64.7359, 62.3946,
36.6484

 64.7359, 62.3946,
36.6484


431.4025,
433.3690, 346.9085

 47.5109, 45.3516,
24.6417


 110.7379,
108.2956, 71.2120

 33.6493, 31.7345,
15.5937


 140.2456,
137.9225, 94.6059

 22.7859, 21.1588,
9.0859


174.5782,
172.5127, 122.6328

 14.5554, 13.2401,
4.6997

214.1011,
212.4508, 155.7110

 8.5922, 7.5941,
2.0165

259.1796,
258.1211, 194.2591

 4.5311, 3.8363,
0.5654

310.1791,

 2.0068, 1.5824,

309.9079, 238.6957

0.0000

367.4650,
368.1958, 289.4393

0.6378, 0.3457,
0.0000

0.0000, 0.0000,
0.0000

64.7359, 62.3946,
36.6484

64.7359, 62.3946,
36.6484

60.1437, 56.0423,
26.3868

70.0127, 69.4320,
49.2478

56.1973, 50.3425,
18.3109

76.0010, 77.1681,
64.3165

52.8606, 45.2723,
12.2560

82.7315, 85.6271,
81.9806

50.0910, 40.8038,
8.0323

90.2318, 94.8292,
102.3566

47.8387, 36.9052,
5.4128

93.2343, 99.0640,
108.8150

46.1542, 33.7837,
4.0883

Harmonies

Analogous

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



71.2059, 62.3946, 45.6708



64.7359, 62.3946, 36.6484



57.2783, 62.3946, 35.0330

Triad

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



64.7359, 62.3946, 36.6484



46.2944, 62.3946, 73.9771



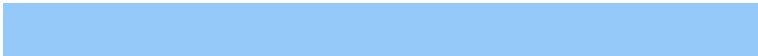
68.5726, 62.3946, 105.2645

Complementary

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



64.7359, 62.3946, 36.6484



50.3540, 54.9694, 98.3986

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.



61.3773, 62.3946, 116.8368



64.7359, 62.3946, 36.6484



48.8086, 62.3946, 96.4696

Square

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



64.7359, 62.3946, 36.6484



47.0307, 62.3946, 53.9249



54.1852, 62.3946, 113.3209



73.5463, 62.3946, 84.1879

Rectangle

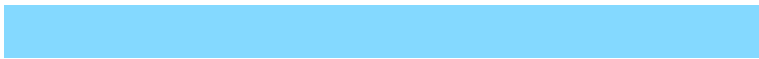
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.7359, 62.3946, 36.6484



52.8095, 62.3946, 37.9680



54.1852, 62.3946, 113.3209



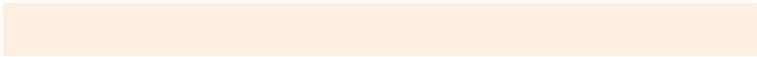
66.3107, 62.3946, 110.5755

Sweetspot

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



64.7375, 62.3976, 36.6497



85.6451, 88.4561, 83.3655



60.7227, 45.7877, 61.7637



18.1276, 18.6788, 17.3021



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.



64.7375, 62.3976, 36.6497



63.7038, 59.7353, 29.3092



77.9083, 88.7393, 41.0399



17.9327, 18.6013, 18.1076



24.6240, 18.2047, 2.2160



2.3861, 1.8971, 0.2404

Inverse Universe

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



50.3540, 54.9694, 98.3986



46.7716, 50.9858, 101.9839



40.5998, 35.4610, 95.1472



17.0291, 18.1351, 21.9882



13.5242, 12.4040, 49.6550



1.3588, 1.3612, 4.6343

Previews

White Background



This preview shows how the XYZ color 64.7359, 62.3946, 36.6484 looks on a white background.

Color Contrast Check

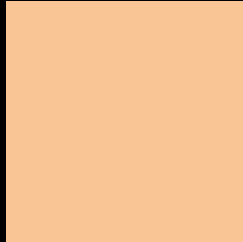
Large Text (above 18pt) WCAG AA × Fail

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 64.7359, 62.3946, 36.6484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

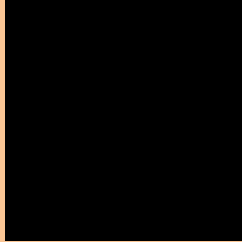
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7359, 62.3946, 36.6484

Background



This preview shows how black text looks on a background with the XYZ color 64.7359, 62.3946, 36.6484.



This preview shows how white text looks on a background with the XYZ color 64.7359, 62.3946,

36.6484.

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

64.7359, 62.3946, 36.6484

Protanopia

58.4117, 62.5806, 38.7064

Deuteranopia

63.7748, 62.5778, 36.7344



Tritanopia

70.5525, 62.4465, 65.4616

Trichromacy



Original Color

64.7359, 62.3946, 36.6484

Protanomaly

60.5461, 62.2699, 38.1063

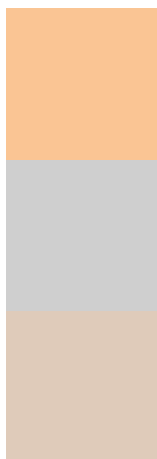
Deuteranomaly

63.8972, 62.3004, 36.6744

Tritanomaly

68.2297, 62.4833, 53.8118

Monochromacy



Original Color

64.7359, 62.3946, 36.6484

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.6503, 61.9450, 55.2143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7359, 62.3946, 36.6484 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(250, 197, 148)` looks like.

```
.text, #text, p{  
    color:rgb(250, 197, 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(250, 197, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 197, 148) }
```

Border

The CSS property to change the border of an element to XYZ 64.7359, 62.3946, 36.6484 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(250, 197, 148) }
```


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

```
.border{ border-color:rgb(250, 197, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 197, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 197, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 197, 148);  
box-shadow:4px 4px 4px 4px rgb(250, 197,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7359, 62.3946, 36.6484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 197, 148) }
```

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

```
.background{ background-color: rgb(250,  
197, 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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