

Converting Colors

XYZ(74.9536, 69.5685, 45.2588)

Have a look what the booklet for
XYZ(74.9536, 69.5685, 45.2588)
contains.

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Color

**XYZ(69.3875, 66.6885,
44.8124)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBA5
RGB	255, 203, 165
RGB Percent	100%, 80%, 65%
CMY	0.0000, 0.2039, 0.3529
CMYK	0.00, 0.20, 0.35, 0.00
HSL	25°, 100%, 82%
HSV	25°, 35%, 100%
XYZ	69.3875, 66.6885, 44.8124
YIQ	214.2160, 43.1900, -0.7940

Conversions

Conversions Part 2

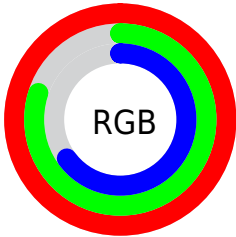
Format	Color
R _Y B	255, 231, 165
Decimal	16763813
CIE Lab	85.35, 13.37, 25.97
CIE LCh	85, 29.209, 62.749
Yxy	66.6885, 0.3836, 0.3687
Android (android.graphics.Color)	4294953893 (0xFFFFCBA5)
YUV	214.2160, -24.2635, 35.7676
Hunter-Lab	81.6630, 8.7577, 24.6289

Details

The XYZ color **69.3875, 66.6885, 44.8124** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.3791, 64.8428, 104.0468**, and the grayscale version is **64.2013, 67.5448, 73.5563**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **36.7540, 34.5575, 20.3559** is the 20% darker color. If you saturate the color by 10%, you get **63.9789, 59.2227, 32.6779**, and if you desaturate by 10%, it is **75.5928, 75.0069, 59.4969**.

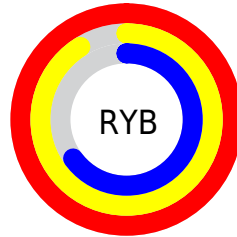
Distribution



Red (100%)

Green (80%)

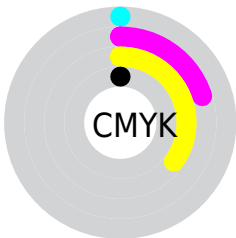
Blue (65%)



Red (100%)

Yellow (91%)

Blue (65%)

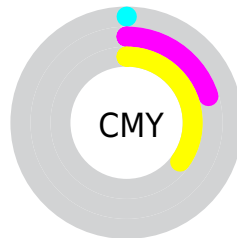


Cyan (0%)

Magenta (20%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3875, 66.6885, 44.8124 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 69.3875, 66.6885, 44.8124 by changing the saturation by 10% instead.


 69.3875, 66.6885,
44.8124


 69.3875, 66.6885,
44.8124


447.6965,
448.8352, 382.1512

 51.3051, 48.8315,
30.9678


 117.3659,
114.4740, 83.7543

 36.6735, 34.4859,
20.3161


 147.9927,
145.1712, 109.6887

 25.1273, 23.2671,
12.4387


183.5316,
180.9174, 140.4901

 16.3012, 14.7909,
6.9170

224.3481,
222.0968, 176.5770

 9.8297, 8.6727,
3.3326

270.8075,
269.0939, 218.3681

 5.3476, 4.5283,
1.2669

323.2751,

 2.4895, 1.9733,

322.2931, 266.2818

0.0344

382.1163,
382.0787, 320.7366

0.8899, 0.5919,
0.0000

0.0000, 0.0000,
0.0000

69.3875, 66.6885,
44.8124

69.3875, 66.6885,
44.8124

63.9789, 59.2227,
32.6779

75.5928, 75.0069,
59.4969

59.3253, 52.5707,
22.9405

82.6240, 84.1962,
76.8637

55.3880, 46.7043,
15.4374

90.5148, 94.2860,
97.0410

52.1225, 41.5894,
9.9833

95.0500, 100.0000,
108.9000

■ 49.4780, 37.1890,
6.3623

■ 47.3934, 33.4605,
4.3085

■ 46.5691, 31.9182,
3.7064

Harmonies

Analogous

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



74.6919, 66.6885, 54.6415



69.3875, 66.6885, 44.8124



62.7776, 66.6885, 41.9752

Triad

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



69.3875, 66.6885, 44.8124



51.5146, 66.6885, 74.3728



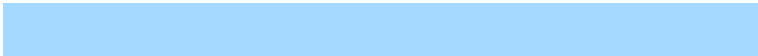
70.5154, 66.6885, 107.7463

Complementary

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



69.3875, 66.6885, 44.8124



58.3791, 64.8428, 104.0468

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.



63.9972, 66.6885, 115.3959



69.3875, 66.6885, 44.8124



53.2817, 66.6885, 94.1460

Square

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



69.3875, 66.6885, 44.8124



52.7405, 66.6885, 57.1823



57.7398, 66.6885, 110.0342



75.3742, 66.6885, 90.5951

Rectangle

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



69.3875, 66.6885, 44.8124



58.5947, 66.6885, 43.9417



57.7398, 66.6885, 110.0342



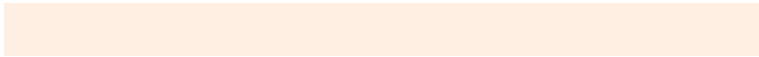
68.4304, 66.6885, 111.6369

Sweetspot

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



69.3892, 66.6916, 44.8137



85.9047, 88.4163, 85.1753



67.2851, 53.2068, 72.7113



18.1617, 18.6356, 17.6571



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.



69.3892, 66.6916, 44.8137



65.6753, 61.5908, 36.4022



81.4456, 90.8045, 48.8326



18.6398, 19.2478, 18.8771



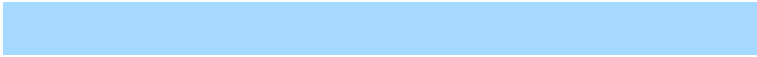
24.4735, 16.9583, 1.9834



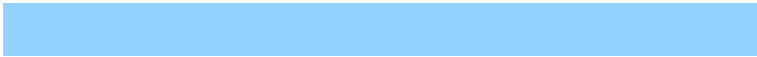
2.4882, 1.8619, 0.2282

Inverse Universe

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



58.3791, 64.8428, 104.0468



53.2354, 59.4880, 103.2843



48.4156, 44.9159, 100.7256



17.8746, 19.1208, 22.9985



15.0603, 15.0302, 51.5419



1.5746, 1.6799, 5.0545

Previews

White Background



This preview shows how the XYZ color 69.3875, 66.6885, 44.8124 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 69.3875, 66.6885, 44.8124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

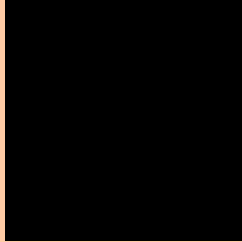
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3875, 66.6885, 44.8124

Background



This preview shows how black text looks on a background with the XYZ color 69.3875, 66.6885, 44.8124.



This preview shows how white text looks on a background with the XYZ color 69.3875, 66.6885,

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

69.3875, 66.6885, 44.8124

Protanopia

62.7285, 66.8217, 47.6219

Deuteranopia

68.0472, 66.7032, 44.8859



Tritanopia

73.5471, 66.8603, 71.3163

Trichromacy



Original Color

69.3875, 66.6885, 44.8124

Protanomaly

64.7934, 66.4326, 46.4536

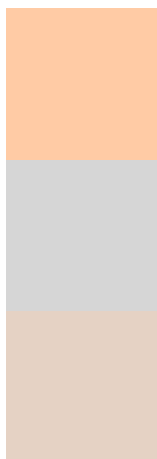
Deuteranomaly

68.5293, 66.5978, 44.8401

Tritanomaly

71.7446, 66.5087, 60.6859

Monochromacy



Original Color

69.3875, 66.6885, 44.8124

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.3235, 66.7367, 61.6631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3875, 66.6885, 44.8124 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, 203, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 165)  
}
```

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, 203, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 165) }
```

Border

The CSS property to change the border of an element to XYZ 69.3875, 66.6885, 44.8124 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, 203, 165) }
```


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

```
.border{ border-color:rgb(255, 203, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3875, 66.6885, 44.8124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 165) }
```

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

```
.background{ background-color: rgb(255,  
203, 165) }
```

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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