

Converting Colors

XYZ(119.4410, 93.0654,
47.1411)

Have a look what the booklet for
XYZ(119.4410, 93.0654, 47.1411)
contains.

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Color

**XYZ(69.8629, 67.6393,
44.9708)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDA5
RGB	255, 205, 165
RGB Percent	100%, 80%, 65%
CMY	0.0000, 0.1961, 0.3529
CMYK	0.00, 0.20, 0.35, 0.00
HSL	27°, 100%, 82%
HSV	27°, 35%, 100%
XYZ	69.8629, 67.6393, 44.9708
YIQ	215.3900, 42.6400, -1.8400

Conversions

Conversions Part 2

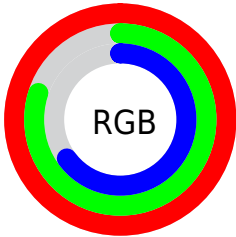
Format	Color
R _Y B	255, 237, 165
Decimal	16764325
CIE Lab	85.83, 12.33, 26.62
CIE LCh	86, 29.337, 65.138
Yxy	67.6393, 0.3829, 0.3707
Android (android.graphics.Color)	4294954405 (0xFFFFCDA5)
YUV	215.3900, -24.8423, 34.7380
Hunter-Lab	82.2431, 7.7046, 25.1502

Details

The XYZ color **69.8629, 67.6393, 44.9708** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.8666, 63.8179, 103.8759**, and the grayscale version is **65.0001, 68.3852, 74.4715**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **37.0732, 35.1958, 20.4623** is the 20% darker color. If you saturate the color by 10%, you get **64.5332, 60.3313, 32.8626**, and if you desaturate by 10%, it is **75.9655, 75.7523, 59.6211**.

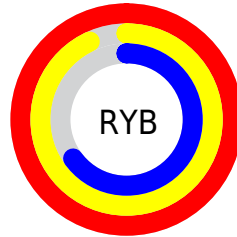
Distribution



Red (100%)

Green (80%)

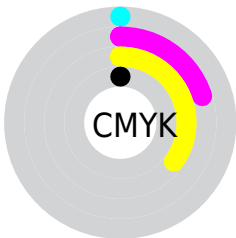
Blue (65%)



Red (100%)

Yellow (93%)

Blue (65%)

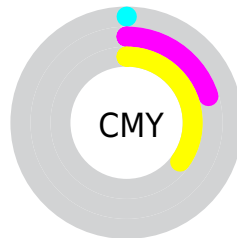


Cyan (0%)

Magenta (20%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8629, 67.6393, 44.9708 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 69.8629, 67.6393, 44.9708 by changing the saturation by 10% instead.


 69.8629, 67.6393,
44.9708


 69.8629, 67.6393,
44.9708


449.3424,
452.2170, 382.8120

 51.6940, 49.6043,
31.0916


 118.0406,
115.8360, 83.9946

 36.9845, 35.0991,
20.4096

 148.7800,
146.7665, 109.9763

 25.3691, 23.7392,
12.5061


184.4403,
182.7643, 140.8292

 16.4825, 15.1403,
6.9626

225.3868,
224.2139, 176.9720

 9.9592, 8.9179,
3.3606

271.9850,
271.4995, 218.8231

 5.4340, 4.6877,
1.2816

324.6000,

 2.5414, 2.0652,

325.0056, 266.8011

0.0466

383.5974,
385.1167, 321.3246

■ 0.9162, 0.6449,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.8629, 67.6393,
44.9708

■ 69.8629, 67.6393,
44.9708

■ 64.5332, 60.3313,
32.8626

■ 75.9655, 75.7523,
59.6211

■ 59.9356, 53.7915,
23.1440

■ 82.8692, 84.6866,
76.9454

■ 56.0329, 47.9941,
15.6524

■ 90.6067, 94.4698,
97.0716

■ 52.7815, 42.9075,
10.2030

95.0500, 100.0000,
108.9000

■ 50.1320, 38.4970,
6.5803

■ 48.0248, 34.7233,
4.5190

■ 47.1842, 33.1483,
3.9114

Harmonies

Analogous

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



75.4183, 67.6393, 54.3760



69.8629, 67.6393, 44.9708



63.1414, 67.6393, 42.6558

Triad

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



69.8629, 67.6393, 44.9708



52.2850, 67.6393, 77.0042



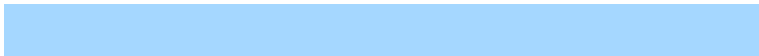
71.9981, 67.6393, 108.1542

Complementary

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



69.8629, 67.6393, 44.9708



57.8666, 63.8179, 103.8759

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.



65.4507, 67.6393, 116.8801



69.8629, 67.6393, 44.9708



54.3125, 67.6393, 97.0070

Square

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



69.8629, 67.6393, 44.9708



53.2872, 67.6393, 59.1901



59.0200, 67.6393, 112.4829



76.7099, 67.6393, 90.2864

Rectangle

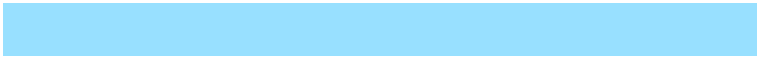
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.8629, 67.6393, 44.9708



58.9667, 67.6393, 45.0251



59.0200, 67.6393, 112.4829



69.9226, 67.6393, 112.3830

Sweetspot

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



69.8646, 67.6424, 44.9722



86.0874, 88.7816, 85.2361



67.0902, 53.1288, 71.6851



18.2051, 18.7225, 17.6716



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.



69.8646, 67.6424, 44.9722



66.2062, 62.6526, 36.5792



81.9074, 91.7281, 48.9864



18.6740, 19.3161, 18.8885



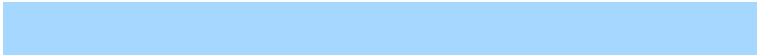
24.7982, 17.6077, 2.0916



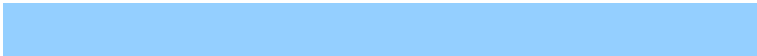
2.5214, 1.9282, 0.2393

Inverse Universe

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



57.8666, 63.8179, 103.8759



52.6529, 58.3231, 103.0901



48.1306, 44.3459, 100.6306



17.8398, 19.0513, 22.9870



14.6101, 14.1298, 51.3919



1.5316, 1.5938, 5.0402

Previews

White Background



This preview shows how the XYZ color 69.8629, 67.6393, 44.9708 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 69.8629, 67.6393, 44.9708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

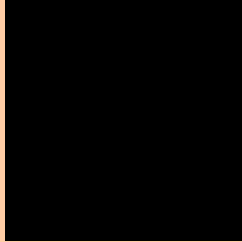
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8629, 67.6393, 44.9708

Background



This preview shows how black text looks on a background with the XYZ color 69.8629, 67.6393, 44.9708.



This preview shows how white text looks on a background with the XYZ color 69.8629, 67.6393,

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

69.8629, 67.6393, 44.9708

Protanopia

63.5211, 67.6157, 47.2393

Deuteranopia

69.0077, 67.5547, 44.9996



Tritanopia

74.0319, 67.4236, 72.7305

Trichromacy



Original Color

69.8629, 67.6393, 44.9708

Protanomaly

65.6220, 67.5928, 46.6339

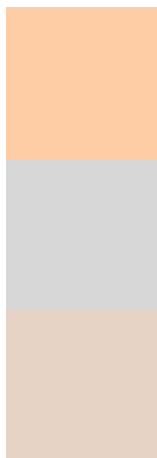
Deuteranomaly

69.3709, 67.7419, 45.0166

Tritanomaly

72.3243, 67.4866, 61.4389

Monochromacy



Original Color

69.8629, 67.6393, 44.9708

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.0054, 67.4427, 62.3622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8629, 67.6393, 44.9708 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, 205, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 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, 205, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 165) }
```

Border

The CSS property to change the border of an element to XYZ 69.8629, 67.6393, 44.9708 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, 205, 165) }
```


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

```
.border{ border-color:rgb(255, 205, 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, 205, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8629, 67.6393, 44.9708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 165) }
```

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

```
.background{ background-color: rgb(255,  
205, 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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