

Converting Colors

XYZ(79.7446, 71.8292, 44.6194)

Have a look what the booklet for
XYZ(79.7446, 71.8292, 44.6194)
contains.

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Color

**XYZ(69.0614, 66.1814,
44.2563)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAA4
RGB	255, 202, 164
RGB Percent	100%, 79%, 64%
CMY	0.0000, 0.2078, 0.3569
CMYK	0.00, 0.21, 0.36, 0.00
HSL	25°, 100%, 82%
HSV	25°, 36%, 100%
XYZ	69.0614, 66.1814, 44.2563
YIQ	213.5150, 43.7860, -0.5820

Conversions

Conversions Part 2

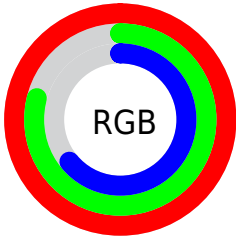
Format	Color
R _Y B	255, 229, 164
Decimal	16763556
CIE Lab	85.09, 13.78, 26.14
CIE LCh	85, 29.550, 62.207
Yxy	66.1814, 0.3847, 0.3687
Android (android.graphics.Color)	4294953636 (0xFFFFCAA4)
YUV	213.5150, -24.4109, 36.3823
Hunter-Lab	81.3520, 9.1665, 24.6920

Details

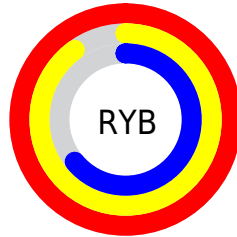
The XYZ color **69.0614, 66.1814, 44.2563** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.1718, 64.7360, 104.0370**, and the grayscale version is **63.7302, 67.0491, 73.0165**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **36.5405, 34.2200, 20.0085** is the 20% darker color. If you saturate the color by 10%, you get **63.6674, 58.7166, 32.2134**, and if you desaturate by 10%, it is **75.2558, 74.5077, 58.8452**.

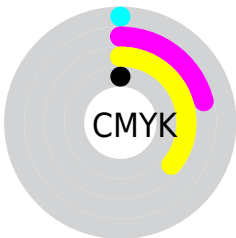
Distribution



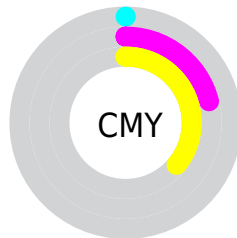
- Red (100%)
- Green (79%)
- Blue (64%)



- Red (100%)
- Yellow (90%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0614, 66.1814, 44.2563 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 69.0614, 66.1814, 44.2563 by changing the saturation by 10% instead.


 69.0614, 66.1814,
44.2563


 69.0614, 66.1814,
44.2563

446.5655,
447.0254, 379.8251

 51.0385, 48.4197,
30.5334


 116.9029,
113.7467, 82.9099

 36.4604, 34.1594,
19.9883


 147.4522,
144.3190, 108.6776

 24.9618, 23.0160,
12.2026


182.9077,
179.9303, 139.2973

 16.1772, 14.6054,
6.7576

223.6347,
220.9649, 175.1876

 9.7412, 8.5429,
3.2348

269.9987,
267.8074, 216.7670

 5.2887, 4.4442,
1.2157

322.3649,

 2.4541, 1.9250,

320.8420, 264.4540

0.0000

381.0987,
380.4532, 318.6672

■ 0.8722, 0.5634,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.0614, 66.1814,
44.2563

■ 69.0614, 66.1814,
44.2563

■ 63.6674, 58.7166,
32.2134

■ 75.2558, 74.5077,
58.8452

■ 59.0316, 52.0740,
22.5633

■ 82.2801, 83.7146,
76.1130

■ 55.1152, 46.2249,
15.1421

■ 90.1682, 93.8319,
96.1884

■ 51.8730, 41.1346,
9.7634

95.0500, 100.0000,
108.9000

■ 49.2535, 36.7652,
6.2100

■ 47.1950, 33.0734,
4.2130

■ 46.4456, 31.6712,
3.6652

Harmonies

Analogous

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



74.3653, 66.1814, 54.2373



69.0614, 66.1814, 44.2563



62.4118, 66.1814, 41.2899

Triad

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



69.0614, 66.1814, 44.2563



50.9621, 66.1814, 73.4813



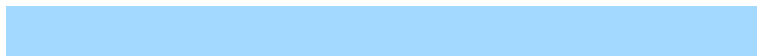
69.9740, 66.1814, 107.7341

Complementary

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



69.0614, 66.1814, 44.2563



58.1718, 64.7360, 104.0370

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.



63.3977, 66.1814, 115.2405



69.0614, 66.1814, 44.2563



52.6843, 66.1814, 93.4138

Square

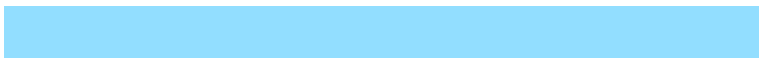
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0614, 66.1814, 44.2563



52.2476, 66.1814, 56.2859



57.1229, 66.1814, 109.5905



74.9178, 66.1814, 90.5368

Rectangle

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



69.0614, 66.1814, 44.2563



58.1893, 66.1814, 43.1747



57.1229, 66.1814, 109.5905



67.8656, 66.1814, 111.5987

Sweetspot

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



69.0630, 66.1845, 44.2576



85.8667, 88.3402, 85.1626



67.0511, 52.8257, 72.3654



18.1526, 18.6175, 17.6541



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.



69.0630, 66.1845, 44.2576



65.0402, 60.6398, 35.2064



81.3294, 90.7171, 48.3464



18.6327, 19.2335, 18.8747



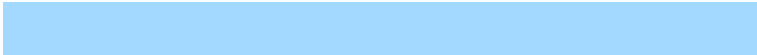
24.4082, 16.8277, 1.9616



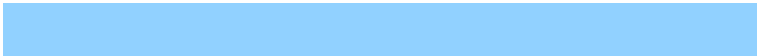
2.4815, 1.8484, 0.2260

Inverse Universe

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



58.1718, 64.7360, 104.0370



52.6398, 58.9734, 103.2163



48.0338, 44.4600, 100.6577



17.8819, 19.1354, 23.0010



15.1571, 15.2237, 51.5742



1.5838, 1.6983, 5.0576

Previews

White Background



This preview shows how the XYZ color 69.0614, 66.1814, 44.2563 looks on a white background.

Color Contrast Check

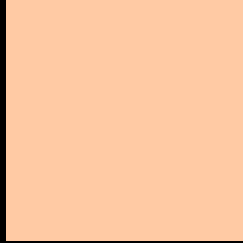
Large Text (above 18pt) WCAG AA × Fail

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 69.0614, 66.1814, 44.2563 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 69.0614, 66.1814, 44.2563

Background



This preview shows how black text looks on a background with the XYZ color 69.0614, 66.1814, 44.2563.



This preview shows how white text looks on a background with the XYZ color 69.0614, 66.1814,

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

69.0614, 66.1814, 44.2563

Protanopia

62.0689, 66.1203, 47.0272

Deuteranopia

67.7180, 66.1901, 44.3288



Tritanopia

73.1920, 66.3513, 70.5775

Trichromacy



Original Color

69.0614, 66.1814, 44.2563

Protanomaly

64.4560, 65.9063, 45.8832

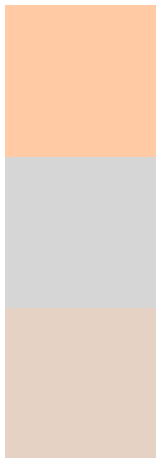
Deuteranomaly

68.2017, 66.0877, 44.2835

Tritanomaly

71.4010, 66.0019, 60.0153

Monochromacy



Original Color

69.0614, 66.1814, 44.2563

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 69.0614, 66.1814, 44.2563 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, 202, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 164)  
}
```

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, 202, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 164) }
```

Border

The CSS property to change the border of an element to XYZ 69.0614, 66.1814, 44.2563 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, 202, 164) }
```


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

```
.border{ border-color:rgb(255, 202, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0614, 66.1814, 44.2563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 164) }
```

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

```
.background{ background-color: rgb(255,  
202, 164) }
```

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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