

Converting Colors

XYZ(161.3818, 111.5111,
49.1133)

Have a look what the booklet for
XYZ(161.3818, 111.5111, 49.1133)
contains.

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Color

**XYZ(67.6380, 63.0434,
44.6801)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3A6
RGB	255, 195, 166
RGB Percent	100%, 76%, 65%
CMY	0.0000, 0.2353, 0.3490
CMYK	0.00, 0.24, 0.35, 0.00
HSL	20°, 100%, 83%
HSV	20°, 35%, 100%
XYZ	67.6380, 63.0434, 44.6801
YIQ	209.6340, 45.0690, 3.7010

Conversions

Conversions Part 2

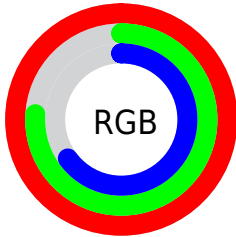
Format	Color
R _Y B	255, 209, 166
Decimal	16761766
CIE Lab	83.47, 17.67, 22.87
CIE LCh	83, 28.899, 52.314
Yxy	63.0434, 0.3857, 0.3595
Android (android.graphics.Color)	4294951846 (0xFFFFC3A6)
YUV	209.6340, -21.5116, 39.7860
Hunter-Lab	79.3999, 13.1082, 22.2161

Details

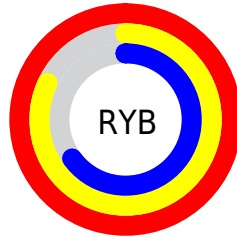
The XYZ color **67.6380, 63.0434, 44.6801** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.9712, 69.7171, 104.8509**, and the grayscale version is **61.1358, 64.3196, 70.0441**.

A 20% lighter version of the original color is **89.1015, 96.1013, 82.2599**, and **35.5881, 32.1350, 20.2466** is the 20% darker color. If you saturate the color by 10%, you get **61.8947, 54.9363, 32.3469**, and if you desaturate by 10%, it is **74.2918, 72.2287, 59.6061**.

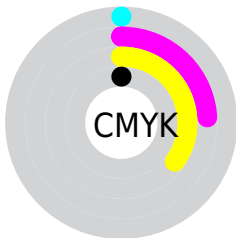
Distribution



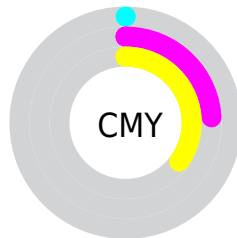
- Red (100%)
- Green (76%)
- Blue (65%)



- Red (100%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.6380, 63.0434, 44.6801 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 67.6380, 63.0434, 44.6801 by changing the saturation by 10% instead.


 67.6380, 63.0434,
44.6801


 67.6380, 63.0434,
44.6801


441.6092,
435.7270, 381.5987

 49.8759, 45.8763,
30.8644


 114.8789,
109.2321, 83.5535

 35.5322, 32.1482,
20.2380


 145.0884,
139.0226, 109.4483

 24.2415, 21.4747,
12.3824


180.1777,
173.7896, 140.2066

 15.6386, 13.4715,
6.8790

220.5122,
213.9175, 176.2469

 9.3580, 7.7540,
3.3092

266.4572,
259.7909, 217.9877

 5.0344, 3.9379,
1.2546

318.3782,

 2.3024, 1.6389,

311.7940, 265.8475

0.0242

376.6404,
370.3112, 320.2450

■ 0.7959, 0.3836,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.6380, 63.0434,
44.6801

■ 67.6380, 63.0434,
44.6801

■ 61.8947, 54.9363,
32.3469

■ 74.2918, 72.2287,
59.6061

■ 57.0145, 47.8576,
22.4526

■ 81.8906, 82.5220,
77.2590

■ 52.9527, 41.7665,
14.8329

■ 90.4733, 93.9628,
97.7681

■ 49.6581, 36.6156,
9.3010

95.0500, 100.0000,
108.9000

■ 47.0729, 32.3531,
5.6402

■ 45.1285, 28.9208,
3.5846

■ 44.3413, 27.4627,
2.9638

Harmonies

Analogous

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



71.8444, 63.0434, 56.2924



67.6380, 63.0434, 44.6801



61.5561, 63.0434, 39.6760

Triad

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



67.6380, 63.0434, 44.6801



48.6967, 63.0434, 64.1061



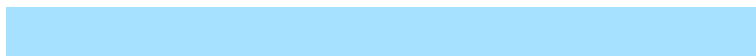
64.6404, 63.0434, 106.0130

Complementary

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



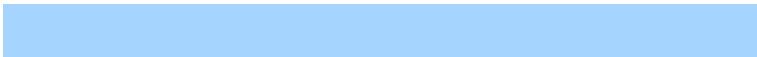
67.6380, 63.0434, 44.6801



60.9712, 69.7171, 104.8509

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.



58.3148, 63.0434, 109.0981



67.6380, 63.0434, 44.6801



49.3955, 63.0434, 82.6808

Square

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



67.6380, 63.0434, 44.6801



50.8340, 63.0434, 49.5390



52.8142, 63.0434, 99.9320



70.0308, 63.0434, 92.1193

Rectangle

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



67.6380, 63.0434, 44.6801



57.3735, 63.0434, 40.0146



52.8142, 63.0434, 99.9320



62.5425, 63.0434, 108.4367

Sweetspot

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



67.6396, 63.0464, 44.6814



85.9722, 87.9839, 86.9467



68.7164, 54.0690, 79.3554



18.1459, 18.4909, 18.0004



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.



67.6396, 63.0464, 44.6814



63.4705, 57.1813, 35.6673



78.8970, 85.5611, 48.4338



18.4928, 18.9537, 18.8281



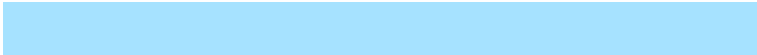
23.2894, 14.5900, 1.5887



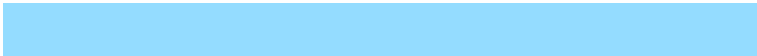
2.3622, 1.6098, 0.1862

Inverse Universe

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



60.9712, 69.7171, 104.8509



55.8630, 64.7432, 104.1601



50.5694, 48.9135, 101.3836



18.0266, 19.4249, 23.0492



17.2713, 19.4522, 52.2789



1.7812, 2.0932, 5.1234

Previews

White Background



This preview shows how the XYZ color 67.6380, 63.0434, 44.6801 looks on a white background.

Color Contrast Check

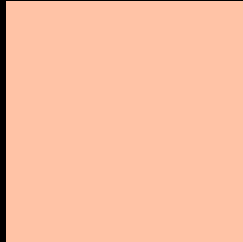
Large Text (above 18pt) WCAG AA × Fail

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 67.6380, 63.0434, 44.6801 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 67.6380, 63.0434, 44.6801

Background



This preview shows how black text looks on a background with the XYZ color 67.6380, 63.0434, 44.6801.



This preview shows how white text looks on a background with the XYZ color 67.6380, 63.0434,

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

67.6380, 63.0434, 44.6801

Protanopia

59.5175, 63.3060, 48.1121

Deuteranopia

64.4080, 63.0799, 44.3783



Tritanopia

70.8902, 62.9294, 66.1679

Trichromacy



Original Color

67.6380, 63.0434, 44.6801

Protanomaly

62.2159, 62.9378, 46.8993

Deuteranomaly

65.3434, 62.8789, 44.2902

Tritanomaly

69.4936, 62.7209, 57.7338

Monochromacy



Original Color

67.6380, 63.0434, 44.6801

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.9330, 63.7264, 60.0224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6380, 63.0434, 44.6801 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, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 166)  
}
```

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, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 166) }
```

Border

The CSS property to change the border of an element to XYZ 67.6380, 63.0434, 44.6801 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, 195, 166) }
```


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

```
.border{ border-color:rgb(255, 195, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6380, 63.0434, 44.6801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 166) }
```

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

```
.background{ background-color: rgb(255,  
195, 166) }
```

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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