

Converting Colors

XYZ(103.6321, 84.4052,
46.1339)

Have a look what the booklet for
XYZ(103.6321, 84.4052, 46.1339)
contains.

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Color

**XYZ(69.2968, 66.6522,
44.3348)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBA4
RGB	255, 203, 164
RGB Percent	100%, 80%, 64%
CMY	0.0000, 0.2039, 0.3569
CMYK	0.00, 0.20, 0.36, 0.00
HSL	26°, 100%, 82%
HSV	26°, 36%, 100%
XYZ	69.2968, 66.6522, 44.3348
YIQ	214.1020, 43.5110, -1.1050

Conversions

Conversions Part 2

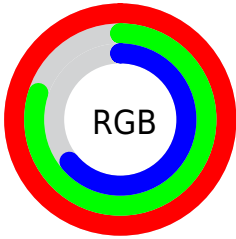
Format	Color
R _Y B	255, 232, 164
Decimal	16763812
CIE Lab	85.33, 13.26, 26.47
CIE LCh	85, 29.601, 63.392
Yxy	66.6522, 0.3844, 0.3697
Android (android.graphics.Color)	4294953892 (0xFFFFCBA4)
YUV	214.1020, -24.7003, 35.8675
Hunter-Lab	81.6408, 8.6396, 24.9513

Details

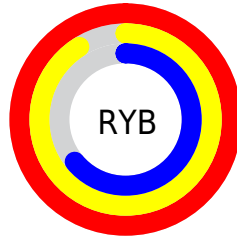
The XYZ color **69.2968, 66.6522, 44.3348** is a light color, and the websafe version is hex **FFCC99**, and the color name is **deep peach**. A complement of this color would be **57.9149, 64.2221, 103.9514**, and the grayscale version is **64.1272, 67.4668, 73.4713**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **36.6980, 34.5351, 20.0610** is the 20% darker color. If you saturate the color by 10%, you get **63.9405, 59.2628, 32.3045**, and if you desaturate by 10%, it is **75.4416, 74.8793, 58.9071**.

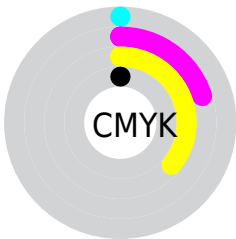
Distribution



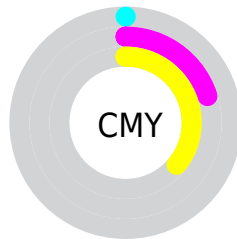
- Red (100%)
- Green (80%)
- Blue (64%)



- Red (100%)
- Yellow (91%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2968, 66.6522, 44.3348 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 69.2968, 66.6522, 44.3348 by changing the saturation by 10% instead.


 69.2968, 66.6522,
44.3348

 69.2968, 66.6522,
44.3348


447.3821,
448.7058, 380.1540

 51.2310, 48.8020,
30.5947


 117.2371,
114.4219, 83.0291

 36.6143, 34.4625,
20.0345


 147.8424,
145.1102, 108.8204

 25.0813, 23.2491,
12.2358

183.3581,
180.8467, 139.4659

 16.2667, 14.7776,
6.7800

224.1498,
222.0158, 175.3840

 9.8051, 8.6634,
3.2485

270.5826,
269.0019, 216.9933

 5.3312, 4.5223,
1.2229

323.0220,

 2.4796, 1.9698,

322.1893, 264.7124

0.0000

381.8334,
381.9625, 318.9598

0.8850, 0.5898,
0.0000

0.0000, 0.0000,
0.0000

69.2968, 66.6522,
44.3348

69.2968, 66.6522,
44.3348

63.9405, 59.2628,
32.3045

75.4416, 74.8793,
58.9071

59.3310, 52.6729,
22.6631

82.4038, 83.9620,
76.1543

55.4301, 46.8548,
15.2471

90.2169, 93.9292,
96.2047

52.1932, 41.7752,
9.8702

95.0500, 100.0000,
108.9000

■ 49.5697, 37.3975,
6.3154

■ 47.4983, 33.6799,
4.3141

■ 46.7408, 32.2616,
3.7636

Harmonies

Analogous

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



74.7253, 66.6522, 54.1048



69.2968, 66.6522, 44.3348



62.5918, 66.6522, 41.6257

Triad

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



69.2968, 66.6522, 44.3348



51.3432, 66.6522, 74.7776



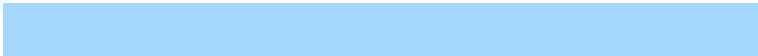
70.7077, 66.6522, 107.9350

Complementary

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



69.2968, 66.6522, 44.3348



57.9149, 64.2221, 103.9514

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.



64.1161, 66.6522, 115.9770



69.2968, 66.6522, 44.3348



53.1937, 66.6522, 94.8275

Square

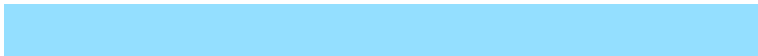
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2968, 66.6522, 44.3348



52.5182, 66.6522, 57.2730



57.7553, 66.6522, 110.8040



75.5793, 66.6522, 90.3804

Rectangle

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



69.2968, 66.6522, 44.3348



58.3734, 66.6522, 43.7079



57.7553, 66.6522, 110.8040



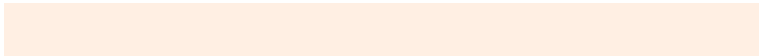
68.6036, 66.6522, 111.9681

Sweetspot

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



69.2985, 66.6553, 44.3361



85.9569, 88.5205, 85.1926



67.0511, 52.8257, 72.3654



18.1741, 18.6604, 17.6612



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.



69.2985, 66.6553, 44.3361



65.3043, 61.1680, 35.2945



81.3294, 90.7172, 48.3465



18.6496, 19.2673, 18.8804



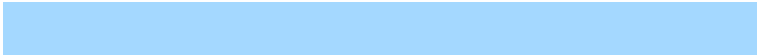
24.5642, 17.1397, 2.0136



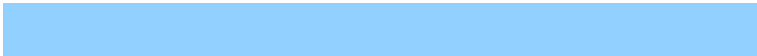
2.4976, 1.8805, 0.2313

Inverse Universe

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



57.9149, 64.2221, 103.9514



52.3449, 58.3837, 103.1180



48.0339, 44.4600, 100.6577



17.8647, 19.1009, 22.9952



14.9295, 14.7685, 51.4983



1.5621, 1.6549, 5.0504

Previews

White Background



This preview shows how the XYZ color 69.2968, 66.6522, 44.3348 looks on a white background.

Color Contrast Check

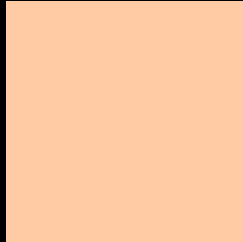
Large Text (above 18pt) WCAG AA × Fail

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 69.2968, 66.6522, 44.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

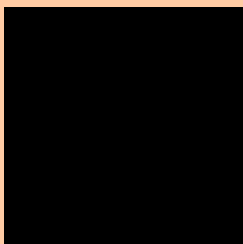
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2968, 66.6522, 44.3348

Background



This preview shows how black text looks on a background with the XYZ color 69.2968, 66.6522, 44.3348.



This preview shows how white text looks on a background with the XYZ color 69.2968, 66.6522,

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

69.2968, 66.6522, 44.3348

Protanopia

62.6342, 66.7840, 47.1255

Deuteranopia

68.3158, 66.8522, 44.4251



Tritanopia

73.5471, 66.8603, 71.3163

Trichromacy



Original Color

69.2968, 66.6522, 44.3348

Protanomaly

64.7006, 66.3955, 45.9647

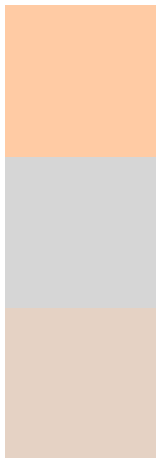
Deuteranomaly

68.4386, 66.5615, 44.3625

Tritanomaly

71.7446, 66.5087, 60.6859

Monochromacy



Original Color

69.2968, 66.6522, 44.3348

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 69.2968, 66.6522, 44.3348 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 164) }
```

Border

The CSS property to change the border of an element to XYZ 69.2968, 66.6522, 44.3348 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, 164) }
```


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

```
.border{ border-color:rgb(255, 203, 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, 203, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2968, 66.6522, 44.3348 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, 164) }
```

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

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