

Converting Colors

XYZ(66.8278, 54.4646, 68.3309)

Have a look what the booklet for
XYZ(66.8278, 54.4646, 68.3309)
contains.

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Color

**XYZ(67.0056, 54.5234,
68.6205)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAAD3
RGB	254, 170, 211
RGB Percent	100%, 67%, 83%
CMY	0.0039, 0.3333, 0.1725
CMYK	0.00, 0.33, 0.17, 0.00
HSL	331°, 98%, 83%
HSV	331°, 33%, 100%
XYZ	67.0056, 54.5234, 68.6205
YIQ	199.7900, 36.9030, 30.5590

Conversions

Conversions Part 2

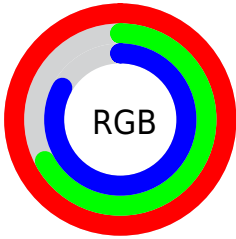
Format	Color
RYB	254, 170, 211
Decimal	16689875
CIELab	78.77, 36.53, -8.08
CIElCh	79, 37.411, 347.522
Yxy	54.5234, 0.3524, 0.2867
Android (android.graphics.Color)	4294879955 (0xFFFEAAD3)
YUV	199.7900, 5.5265, 47.5422
Hunter-Lab	73.8400, 32.7587, -3.4110

Details

The XYZ color **67.0056, 54.5234, 68.6205** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.0319, 84.2352, 75.8388**, and the grayscale version is **54.7231, 57.5730, 62.6970**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **35.1270, 26.8586, 34.7853** is the 20% darker color. If you saturate the color by 10%, you get **61.1314, 45.2787, 58.9425**, and if you desaturate by 10%, it is **73.9347, 65.6655, 79.3019**.

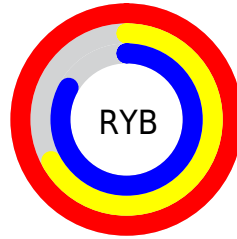
Distribution



Red (100%)

Green (67%)

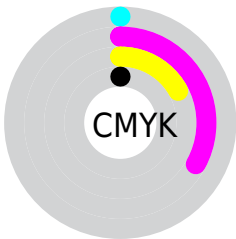
Blue (83%)



Red (100%)

Yellow (67%)

Blue (83%)

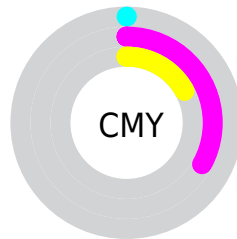


Cyan (0%)

Magenta (33%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0056, 54.5234, 68.6205 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 67.0056, 54.5234, 68.6205 by changing the saturation by 10% instead.


 67.0056, 54.5234,
68.6205

 67.0056, 54.5234,
68.6205


439.3969,
404.1028, 474.3490

 49.3599, 39.0203,
49.9329


 113.9782, 96.8423,
118.9020

 35.1208, 26.7755,
34.9893


144.0358,
124.4269, 151.3329

 23.9229, 17.4047,
23.3711


178.9614,
156.8074, 189.1820

 15.4008, 10.5234,
14.6599

219.1203,
194.3682, 232.8678

 9.1893, 5.7474,
8.4371

264.8780,
237.4938, 282.8088

 4.9230, 2.6921,
4.2841


316.5997,


 2.2364, 0.9732,


286.5685, 339.4237


1.7825


374.6509,
341.9767, 403.1309


 0.7618, 0.0000,
0.4164


 0.0000, 0.0000,
0.0000

 67.0056, 54.5234,
68.6205


 67.0056, 54.5234,
68.6205


 61.1314, 45.2787,
58.9425


 73.9347, 65.6655,
79.3019

 56.2511, 37.8163,
50.2306

 81.9658, 78.7965,
91.0156

 52.3044, 32.0201,
42.4493

 91.1488, 94.0109,
103.7930

 49.2221, 27.7573,
35.5590

94.6833, 99.8110,
108.8828

■ 46.9245, 24.8740,
29.5161

■ 45.3157, 23.1839,
24.2704

■ 44.5094, 22.5254,
21.0605

Harmonies

Analogous

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



63.0499, 54.5234, 91.3823



67.0056, 54.5234, 68.6205



66.6214, 54.5234, 47.9161

Triad

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



67.0056, 54.5234, 68.6205



47.6530, 54.5234, 28.3526



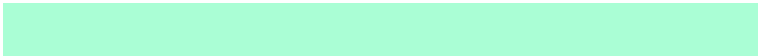
42.7898, 54.5234, 94.8076

Complementary

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



67.0056, 54.5234, 68.6205



64.0319, 84.2352, 75.8388

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.



39.3961, 54.5234, 72.5100



67.0056, 54.5234, 68.6205



42.0146, 54.5234, 35.8671

Square

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



67.0056, 54.5234, 68.6205



54.9606, 54.5234, 27.7888



39.1265, 54.5234, 50.9847



48.8069, 54.5234, 108.7468

Rectangle

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



67.0056, 54.5234, 68.6205



63.9561, 54.5234, 37.8322



39.1265, 54.5234, 50.9847



41.3303, 54.5234, 87.8286

Sweetspot

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



67.0072, 54.5259, 68.6216



85.4167, 83.9833, 95.6701



59.4177, 49.9051, 100.2675



18.0133, 17.5310, 20.0981



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.



67.0072, 54.5259, 68.6216



63.3848, 48.3439, 62.3548



62.5055, 52.7252, 44.9159



18.3788, 18.1349, 20.6121



23.5398, 11.9052, 11.4929



2.3470, 1.1812, 1.4085

Inverse Universe

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



67.0072, 54.5259, 68.6216



63.3848, 48.3439, 62.3548



69.9104, 86.5866, 106.7947



18.3788, 18.1349, 20.6121



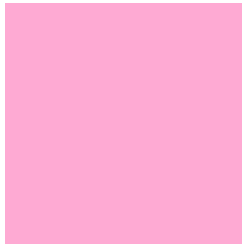
23.5398, 11.9052, 11.4929



2.3470, 1.1812, 1.4085

Previews

White Background



This preview shows how the XYZ color 67.0056, 54.5234, 68.6205 looks on a white background.

Color Contrast Check

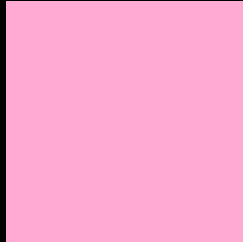
Large Text (above 18pt) WCAG AA × Fail

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 67.0056, 54.5234, 68.6205 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 67.0056, 54.5234, 68.6205

Background



This preview shows how black text looks on a background with the XYZ color 67.0056, 54.5234, 68.6205.



This preview shows how white text looks on a background with the XYZ color 67.0056, 54.5234,

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

67.0056, 54.5234, 68.6205

Protanopia

54.2545, 55.0217, 79.7122

Deuteranopia

55.9704, 54.8872, 66.6758



Tritanopia

63.8894, 54.3692, 54.1407

Trichromacy



Original Color

67.0056, 54.5234, 68.6205



Protanomaly

57.8407, 54.0645, 75.7936



Deuteranomaly

59.3700, 54.4286, 67.0511



Tritanomaly

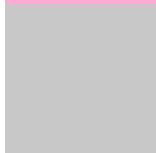
65.0523, 54.5681, 59.3286

Monochromacy



Original Color

67.0056, 54.5234, 68.6205



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.6119, 55.9705, 64.8409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0056, 54.5234, 68.6205 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(254, 170, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 170, 211)  
}
```

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(254, 170, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 170, 211) }
```

Border

The CSS property to change the border of an element to XYZ 67.0056, 54.5234, 68.6205 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(254, 170, 211) }
```


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

```
.border{ border-color:rgb(254, 170, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 170, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 170, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 170, 211);  
box-shadow:4px 4px 4px 4px rgb(254, 170,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0056, 54.5234, 68.6205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 170, 211) }
```

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

```
.background{ background-color: rgb(254,  
170, 211) }
```

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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