

Converting Colors

XYZ(67.4241, 54.7224, 86.7068)

Have a look what the booklet for
XYZ(67.4241, 54.7224, 86.7068)
contains.

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Color

**XYZ(67.3594, 54.5944,
86.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	F5ABEC
RGB	245, 171, 236
RGB Percent	96%, 67%, 93%
CMY	0.0392, 0.3294, 0.0745
CMYK	0.00, 0.30, 0.04, 0.04
HSL	307°, 79%, 82%
HSV	307°, 30%, 96%
XYZ	67.3594, 54.5944, 86.3444
YIQ	200.5360, 23.2390, 35.9030

Conversions

Conversions Part 2

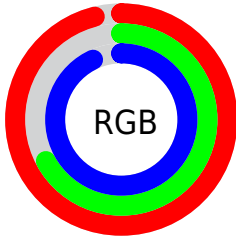
Format	Color
R _Y B	245, 171, 236
Decimal	16100332
CIE Lab	78.81, 37.13, -21.66
CIE LCh	79, 42.987, 329.744
Yxy	54.5944, 0.3234, 0.2621
Android (android.graphics.Color)	4294290412 (0xFFF5ABEC)
YUV	200.5360, 17.4838, 38.9949
Hunter-Lab	73.8880, 33.4240, -17.5638

Details

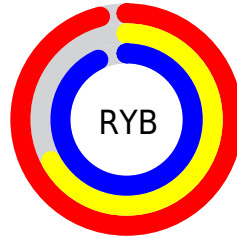
The XYZ color **67.3594, 54.5944, 86.3444** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.6874, 77.2597, 55.0554**, and the grayscale version is **55.1171, 57.9875, 63.1483**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **35.4557, 26.9435, 46.5119** is the 20% darker color. If you saturate the color by 10%, you get **62.7246, 46.0111, 82.6815**, and if you desaturate by 10%, it is **72.8625, 64.9008, 90.3335**.

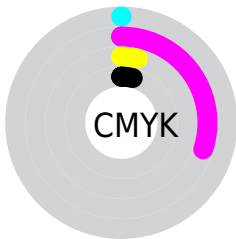
Distribution



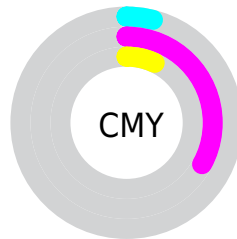
- Red (96%)
- Green (67%)
- Blue (93%)



- Red (96%)
- Yellow (67%)
- Blue (93%)



- Cyan (0%)
- Magenta (30%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3594, 54.5944, 86.3444 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 67.3594, 54.5944, 86.3444 by changing the saturation by 10% instead.


 67.3594, 54.5944,
86.3444

 67.3594, 54.5944,
86.3444


440.6354,
404.3726, 536.3263

 49.6485, 39.0771,
64.3963


 114.4822, 96.9464,
144.1408

 35.3509, 26.8197,
46.5235


144.6248,
124.5499, 180.8261

 24.1011, 17.4379,
32.3075


179.6421,
156.9510, 223.2610

 15.5337, 10.5472,
21.3297

219.8994,
194.5339, 271.8638

 9.2836, 5.7632,
13.1716

265.7620,
237.6831, 327.0532

 4.9852, 2.7016,
7.4147

317.5953,

 2.2732, 0.9780,

286.7831, 389.2478

3.6404

375.7646,
342.2181, 458.8659

■ 0.7809, 0.0000,
1.4302

■ 0.0000, 0.0000,
0.1651

■ 67.3594, 54.5944,
86.3444

■ 67.3594, 54.5944,
86.3444

■ 62.7246, 46.0111,
82.6815

■ 72.8625, 64.9008,
90.3335

■ 58.9055, 39.0486,
79.3255

■ 79.2726, 77.0106,
94.6602

■ 55.8517, 33.6052,
76.2598

■ 86.6323, 91.0080,
99.3394

■ 53.5051, 29.5647,
73.4650

■ 90.3477, 97.7051,
102.8400

51.7990, 26.7940,
70.9187

90.8137, 97.8915,
105.2937

50.6541, 25.1345,
68.5942

91.2871, 98.0809,
107.7864

49.9483, 24.3294,
66.4889

91.4667, 98.1527,
108.7323

Harmonies

Analogous

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



60.4459, 54.5944, 110.1693



67.3594, 54.5944, 86.3444



70.0487, 54.5944, 59.6542

Triad

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



67.3594, 54.5944, 86.3444



51.9637, 54.5944, 23.7982



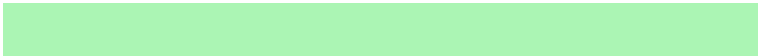
38.9312, 54.5944, 85.8789

Complementary

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



67.3594, 54.5944, 86.3444



57.6874, 77.2597, 55.0554

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.



37.1771, 54.5944, 59.2344



67.3594, 54.5944, 86.3444



44.1827, 54.5944, 27.3144

Square

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



67.3594, 54.5944, 86.3444



60.5866, 54.5944, 27.4396



38.9918, 54.5944, 38.8063



44.0688, 54.5944, 109.8529

Rectangle

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



67.3594, 54.5944, 86.3444



68.8796, 54.5944, 44.9670



38.9918, 54.5944, 38.8063



37.9531, 54.5944, 76.7359

Sweetspot

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



67.3611, 54.5968, 86.3456



87.7144, 86.0429, 104.2537



49.7839, 45.3805, 92.5227



18.5379, 17.9681, 22.1602



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.



67.3611, 54.5968, 86.3456



70.6767, 54.0470, 92.1629



62.5725, 52.6814, 61.1293



17.1218, 16.7316, 20.3877



26.9426, 13.1205, 36.0018



2.3919, 1.1627, 3.2903

Inverse Universe

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



67.3611, 54.5968, 86.3456



70.6767, 54.0470, 92.1629



61.9257, 78.9551, 77.3739



17.1218, 16.7316, 20.3877



26.9426, 13.1205, 36.0018



2.3919, 1.1627, 3.2903

Previews

White Background



This preview shows how the XYZ color 67.3594, 54.5944, 86.3444 looks on a white background.

Color Contrast Check

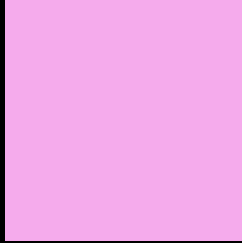
Large Text (above 18pt) WCAG AA × Fail

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 67.3594, 54.5944, 86.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

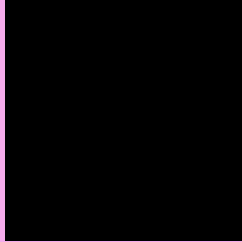
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3594, 54.5944, 86.3444

Background



This preview shows how black text looks on a background with the XYZ color 67.3594, 54.5944, 86.3444.



This preview shows how white text looks on a background with the XYZ color 67.3594, 54.5944,

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

67.3594, 54.5944, 86.3444

Protanopia

55.4630, 54.8715, 99.7635

Deuteranopia

55.9612, 54.8236, 83.9765



Tritanopia

61.3423, 54.4412, 57.7272

Trichromacy



Original Color

67.3594, 54.5944, 86.3444



Protanomaly

58.8854, 54.1891, 94.5447



Deuteranomaly

59.5800, 54.4603, 84.4625



Tritanomaly

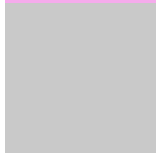
63.3096, 54.3549, 67.4764

Monochromacy



Original Color

67.3594, 54.5944, 86.3444



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.1663, 56.4337, 71.3927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3594, 54.5944, 86.3444 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(245, 171, 236)` looks like.

```
.text, #text, p{  
    color:rgb(245, 171, 236)  
}
```

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(245, 171, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 171, 236) }
```

Border

The CSS property to change the border of an element to XYZ 67.3594, 54.5944, 86.3444 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(245, 171, 236) }
```


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

```
.border{ border-color:rgb(245, 171, 236) }
```

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

Here you see how a box with a 4 pixel rgb(245, 171, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 171, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 171, 236);  
box-shadow:4px 4px 4px 4px rgb(245, 171,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3594, 54.5944, 86.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 171, 236) }
```

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

```
.background{ background-color: rgb(245,  
171, 236) }
```

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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