

Converting Colors

XYZ(68.6238, 54.4105, 86.5085)

Have a look what the booklet for
XYZ(68.6238, 54.4105, 86.5085)
contains.

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Color

**XYZ(68.5673, 54.3854,
86.2404)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA8EC
RGB	250, 168, 236
RGB Percent	98%, 66%, 93%
CMY	0.0196, 0.3412, 0.0745
CMYK	0.00, 0.33, 0.06, 0.02
HSL	310°, 89%, 82%
HSV	310°, 33%, 98%
XYZ	68.5673, 54.3854, 86.2404
YIQ	200.2700, 27.0440, 38.5320

Conversions

Conversions Part 2

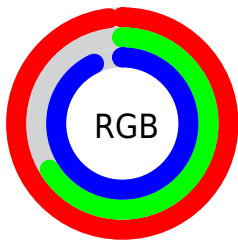
Format	Color
R _Y B	250, 168, 236
Decimal	16427244
CIE Lab	78.69, 40.30, -21.79
CIE LCh	79, 45.818, 331.597
Yxy	54.3854, 0.3278, 0.2600
Android (android.graphics.Color)	4294617324 (0xFFFAA8EC)
YUV	200.2700, 17.6149, 43.6132
Hunter-Lab	73.7465, 36.9078, -17.7122

Details

The XYZ color **68.5673, 54.3854, 86.2404** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.7798, 80.0752, 56.6173**, and the grayscale version is **54.9507, 57.8124, 62.9577**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **35.9938, 26.5364, 46.4050** is the 20% darker color. If you saturate the color by 10%, you get **63.7756, 45.7819, 81.6202**, and if you desaturate by 10%, it is **74.2644, 64.7741, 91.2367**.

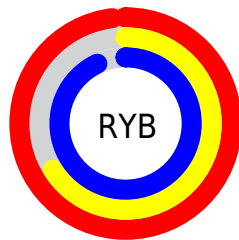
Distribution



Red (98%)

Green (66%)

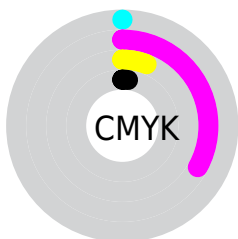
Blue (93%)



Red (98%)

Yellow (66%)

Blue (93%)

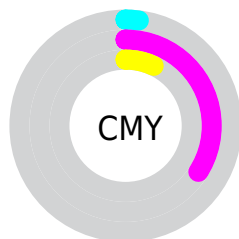


Cyan (0%)

Magenta (33%)

Yellow (6%)

Black (2%)



Cyan (2%)


Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.5673, 54.3854, 86.2404 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 68.5673, 54.3854, 86.2404 by changing the saturation by 10% instead.


 68.5673, 54.3854,
86.2404


 68.5673, 54.3854,
86.2404


444.8487,
403.5780, 535.9748

 50.6348, 38.9099,
64.3107


 116.2008, 96.6399,
143.9944

 36.1379, 26.6896,
46.4546


 146.6325,
124.1876, 180.6559

 24.7113, 17.3403,
32.2535


181.9612,
156.5282, 223.0650

 15.9897, 10.4774,
21.2888

222.5524,
194.0461, 271.6404

 9.6077, 5.7166,
13.1419

268.7714,
237.1256, 326.8005

 5.1999, 2.6735,
7.3945

320.9835,

 2.4010, 0.9638,

286.1511, 388.9639

3.6278

379.5541,
341.5071, 458.5492

■ 0.8456, 0.0000,
1.4235

■ 0.0000, 0.0000,
0.1599

■ 68.5673, 54.3854,
86.2404

■ 68.5673, 54.3854,
86.2404

■ 63.7756, 45.7819,
81.6202

■ 74.2644, 64.7741,
91.2367

■ 59.8331, 38.8541,
77.3550

■ 80.9088, 77.0346,
96.6219

■ 56.6852, 33.4921,
73.4269

■ 88.5460, 91.2567,
102.4122

■ 54.2687, 29.5697,
69.8142

■ 92.9265, 98.9409,
107.1914

■ 52.5107, 26.9411,
66.4921

■ 93.2348, 99.0642,
108.8151

■ 51.3226, 25.4296,
63.4306

■ 50.7258, 24.8446,
61.3554

Harmonies

Analogous

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



61.3601, 54.3854, 112.6454



68.5673, 54.3854, 86.2404



71.1203, 54.3854, 57.8381

Triad

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



68.5673, 54.3854, 86.2404



51.2081, 54.3854, 22.0517



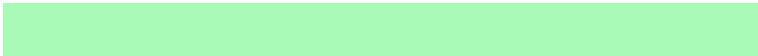
38.2359, 54.3854, 89.3690

Complementary

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



68.5673, 54.3854, 86.2404



58.7798, 80.0752, 56.6173

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.



36.1690, 54.3854, 60.6165



68.5673, 54.3854, 86.2404



43.0963, 54.3854, 26.0918

Square

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



68.5673, 54.3854, 86.2404



60.4230, 54.3854, 25.2956



37.8405, 54.3854, 38.5250



43.8448, 54.3854, 114.7917

Rectangle

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



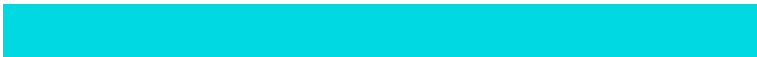
68.5673, 54.3854, 86.2404



69.6273, 54.3854, 42.6953



37.8405, 54.3854, 38.5250



37.1354, 54.3854, 79.5291

Sweetspot

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



68.5690, 54.3878, 86.2415



86.7547, 84.5185, 102.7157



50.4732, 44.8148, 96.4335



18.3378, 17.6608, 21.8068



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.



68.5690, 54.3878, 86.2415



68.4886, 51.0604, 87.1497



63.3171, 52.2871, 58.5854



17.8583, 17.4707, 21.1097



26.9534, 13.1971, 32.7929



2.5289, 1.2353, 3.2083

Inverse Universe

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



68.5690, 54.3878, 86.2415



68.4886, 51.0604, 87.1497



63.6105, 82.0074, 82.0550



17.8583, 17.4707, 21.1097



26.9534, 13.1971, 32.7929



2.5289, 1.2353, 3.2083

Previews

White Background



This preview shows how the XYZ color 68.5673, 54.3854, 86.2404 looks on a white background.

Color Contrast Check

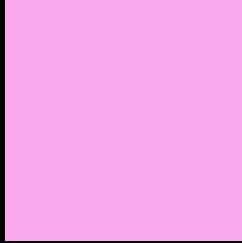
Large Text (above 18pt) WCAG AA × Fail

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 68.5673, 54.3854, 86.2404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

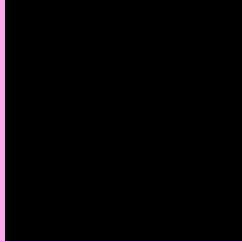
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.5673, 54.3854, 86.2404

Background



This preview shows how black text looks on a background with the XYZ color 68.5673, 54.3854, 86.2404.



This preview shows how white text looks on a background with the XYZ color 68.5673, 54.3854,

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

68.5673, 54.3854, 86.2404

Protanopia

55.5498, 54.8794, 101.4309

Deuteranopia

55.9612, 54.8236, 83.9765



Tritanopia

62.3246, 54.3951, 55.9296

Trichromacy



Original Color

68.5673, 54.3854, 86.2404



Protanomaly

59.1058, 53.9755, 95.2988



Deuteranomaly

59.9604, 54.3491, 84.4210



Tritanomaly

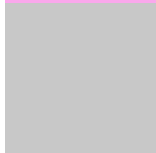
64.4046, 54.3699, 66.1314

Monochromacy



Original Color

68.5673, 54.3854, 86.2404



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.9069, 55.6760, 70.5926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5673, 54.3854, 86.2404 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(250, 168, 236)` looks like.

```
.text, #text, p{  
    color:rgb(250, 168, 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(250, 168, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 168, 236) }
```

Border

The CSS property to change the border of an element to XYZ 68.5673, 54.3854, 86.2404 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(250, 168, 236) }
```


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

```
.border{ border-color:rgb(250, 168, 236) }
```

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

Here you see how a box with a 4 pixel rgb(250, 168, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 168, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 168, 236);  
box-shadow:4px 4px 4px 4px rgb(250, 168,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5673, 54.3854, 86.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 168, 236) }
```

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

```
.background{ background-color: rgb(250,  
168, 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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