

Converting Colors

XYZ(69.5838, 60.5358, 85.8590)

Have a look what the booklet for
XYZ(69.5838, 60.5358, 85.8590)
contains.

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Color

**XYZ(69.5838, 60.5358,
85.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BBEA
RGB	243, 187, 234
RGB Percent	95%, 73%, 92%
CMY	0.0471, 0.2666, 0.0823
CMYK	0.00, 0.23, 0.04, 0.05
HSL	310°, 70%, 84%
HSV	310°, 23%, 95%
XYZ	69.5838, 60.5358, 85.8590
YIQ	209.1020, 18.2890, 26.4890

Conversions

Conversions Part 2

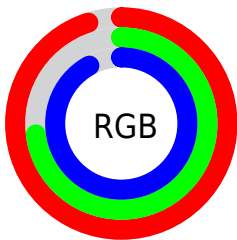
Format	Color
R _Y B	243, 187, 234
Decimal	15973354
CIE Lab	82.13, 27.67, -15.59
CIE LCh	82, 31.757, 330.607
Yxy	60.5358, 0.3222, 0.2803
Android (android.graphics.Color)	4294163434 (0xFFF3BBEA)
YUV	209.1020, 12.2747, 29.7285
Hunter-Lab	77.8048, 23.4811, -10.9643

Details

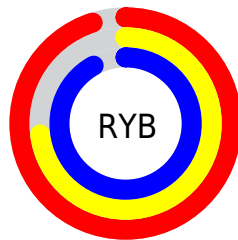
The XYZ color **69.5838, 60.5358, 85.8590** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.5104, 78.6534, 64.1150**, and the grayscale version is **60.5865, 63.7417, 69.4147**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **36.6731, 30.4285, 46.0599** is the 20% darker color. If you saturate the color by 10%, you get **64.3039, 50.8633, 81.3615**, and if you desaturate by 10%, it is **75.7519, 71.9630, 90.7150**.

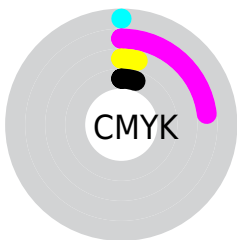
Distribution



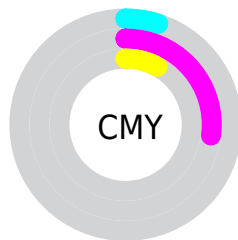
- Red (95%)
- Green (73%)
- Blue (92%)



- Red (95%)
- Yellow (73%)
- Blue (92%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5838, 60.5358, 85.8590 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 69.5838, 60.5358, 85.8590 by changing the saturation by 10% instead.

69.5838, 60.5358,
85.8590

69.5838, 60.5358,
85.8590

448.3765,
426.5699, 534.6847

51.4657, 43.8506,
63.9972

117.6445,
105.6065, 143.4575

36.8019, 30.5531,
46.2022

148.3179,
134.7609, 180.0313

25.2271, 20.2588,
32.0556

183.9070,
168.8404, 222.3461

16.3760, 12.5833,
21.1388

224.7772,
208.2296, 270.8204

9.8831, 7.1422,
13.0333

271.2939,
253.3127, 325.8730

5.3832, 3.5512,
7.3205

323.8225,

2.5109, 1.4258,

304.4742, 387.9222

3.5818

382.7282,
362.0985, 457.3866

■ 0.9007, 0.2356,
1.3989

■ 0.0000, 0.0000,
0.1408

■ 69.5838, 60.5358,
85.8590

■ 69.5838, 60.5358,
85.8590

■ 64.3039, 50.8633,
81.3615

■ 75.7519, 71.9630,
90.7150

■ 59.8629, 42.8498,
77.2035

■ 82.8437, 85.2186,
95.9396

■ 56.2147, 36.4024,
73.3702

■ 89.3141, 97.2115,
101.0190

■ 53.3068, 31.4162,
69.8434

■ 89.9192, 97.4536,
104.2054

■ 51.0801, 27.7729,
66.6032

■ 90.5370, 97.7007,
107.4585

■ 49.4663, 25.3364,
63.6263

■ 90.7727, 97.7950,
108.6998

■ 48.3826, 23.9413,
60.8849

■ 47.8550, 23.4119,
59.0876

Harmonies

Analogous

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



64.3914, 60.5358, 103.2966



69.5838, 60.5358, 85.8590



71.4938, 60.5358, 65.5205

Triad

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



69.5838, 60.5358, 85.8590



57.4002, 60.5358, 35.3295



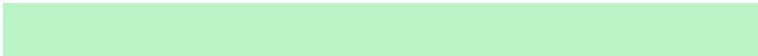
47.0885, 60.5358, 86.6744

Complementary

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



69.5838, 60.5358, 85.8590



62.5104, 78.6534, 64.1150

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.



45.5270, 60.5358, 66.3074



69.5838, 60.5358, 85.8590



51.1880, 60.5358, 38.8512

Square

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



69.5838, 60.5358, 85.8590



64.1353, 60.5358, 38.5752



46.9684, 60.5358, 49.3236



51.4084, 60.5358, 103.8283

Rectangle

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



69.5838, 60.5358, 85.8590



70.5405, 60.5358, 53.6938



46.9684, 60.5358, 49.3236



46.2394, 60.5358, 79.8586

Sweetspot

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



69.5856, 60.5385, 85.8603



89.1591, 88.9518, 104.6745



56.5598, 53.6702, 92.1737



18.9803, 18.8459, 22.3288



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.



69.5856, 60.5385, 85.8603



74.5544, 61.8778, 93.2233



65.9483, 59.0835, 66.7064



17.0925, 16.7199, 20.2336



26.3064, 12.8660, 32.6513



2.3421, 1.1428, 3.0276

Inverse Universe

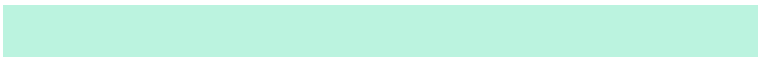
The Inverse Universe completely reimagines the original color for something new.



69.5856, 60.5385, 85.8603



74.5544, 61.8778, 93.2233



65.9196, 80.0171, 82.0677



17.0925, 16.7199, 20.2336



26.3064, 12.8660, 32.6513



2.3421, 1.1428, 3.0276

Previews

White Background



This preview shows how the XYZ color 69.5838, 60.5358, 85.8590 looks on a white background.

Color Contrast Check

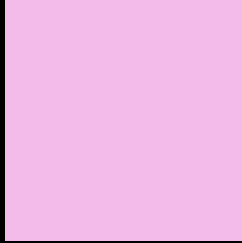
Large Text (above 18pt) WCAG AA × Fail

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 69.5838, 60.5358, 85.8590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

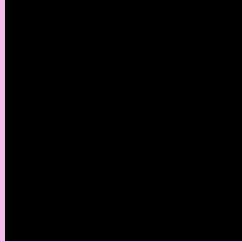
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5838, 60.5358, 85.8590

Background



This preview shows how black text looks on a background with the XYZ color 69.5838, 60.5358, 85.8590.

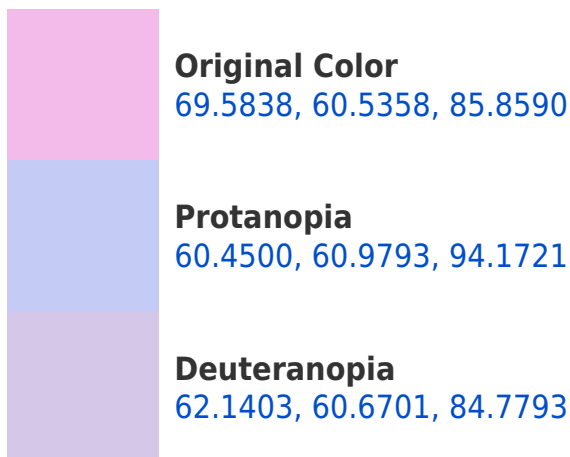


This preview shows how white text looks on a background with the XYZ color 69.5838, 60.5358,

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





Tritanopia

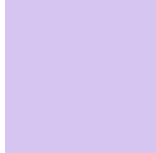
65.7087, 60.5550, 67.2565

Trichromacy



Original Color

69.5838, 60.5358, 85.8590



Protanomaly

63.1350, 60.3699, 90.7631



Deuteranomaly

64.6545, 60.6014, 85.3804



Tritanomaly

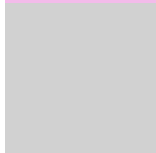
66.8730, 60.3619, 73.7721

Monochromacy



Original Color

69.5838, 60.5358, 85.8590



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

63.3603, 62.2074, 74.9974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5838, 60.5358, 85.8590 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(243, 187, 234)` looks like.

```
.text, #text, p{  
    color:rgb(243, 187, 234)  
}
```

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(243, 187, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 187, 234) }
```

Border

The CSS property to change the border of an element to XYZ 69.5838, 60.5358, 85.8590 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(243, 187, 234) }
```


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

```
.border{ border-color:rgb(243, 187, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 187, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 187, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 187, 234);  
box-shadow:4px 4px 4px 4px rgb(243, 187,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5838, 60.5358, 85.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 187, 234) }
```

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

```
.background{ background-color: rgb(243,  
187, 234) }
```

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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