

Converting Colors

XYZ(66.7819, 53.1604, 90.3038)

Have a look what the booklet for
XYZ(66.7819, 53.1604, 90.3038)
contains.

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Color

**XYZ(66.6580, 53.0430,
89.9441)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3A7F1 |
| RGB | 243, 167, 241 |
| RGB Percent | 95%, 65%, 95% |
| CMY | 0.0471, 0.3451, 0.0549 |
| CMYK | 0.00, 0.31, 0.01, 0.05 |
| HSL | 302°, 76%, 80% |
| HSV | 302°, 31%, 95% |
| XYZ | 66.6580, 53.0430, 89.9441 |
| YIQ | 198.1600, 21.5420, 39.1260 |

Conversions

Conversions Part 2

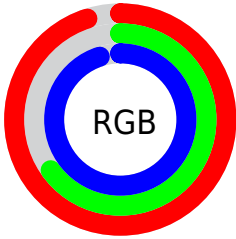
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 243, 167, 241 |
| Decimal | 15968241 |
| CIE Lab | 77.90, 39.49, -25.76 |
| CIE LCh | 78, 47.147, 326.880 |
| Yxy | 53.0430, 0.3180, 0.2530 |
| Android (android.graphics.Color) | 4294158321 (0xFFF3A7F1) |
| YUV | 198.1600, 21.1201, 39.3247 |
| Hunter-Lab | 72.8306, 35.9180, -22.2403 |

Details

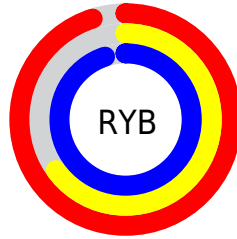
The XYZ color **66.6580, 53.0430, 89.9441** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.1505, 75.1829, 49.1441**, and the grayscale version is **53.6417, 56.4352, 61.4580**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **35.0240, 25.9765, 49.0669** is the 20% darker color. If you saturate the color by 10%, you get **62.5228, 44.9243, 88.0957**, and if you desaturate by 10%, it is **71.6332, 62.8392, 92.0753**.

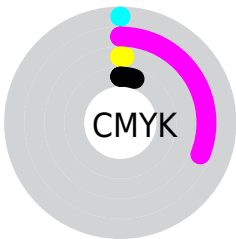
Distribution



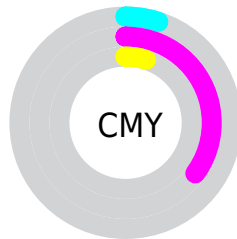
- Red (95%)
- Green (65%)
- Blue (95%)



- Red (95%)
- Yellow (65%)
- Blue (95%)



- Cyan (0%)
- Magenta (31%)
- Yellow (1%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6580, 53.0430, 89.9441 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 66.6580, 53.0430, 89.9441 by changing the saturation by 10% instead.


 66.6580, 53.0430,
89.9441


 66.6580, 53.0430,
89.9441


438.1781,
398.4501, 548.4144

 49.0764, 37.8371,
67.3608


 113.4827, 94.6676,
149.1956

 34.8949, 25.8563,
48.9145


 143.4566,
121.8552, 186.7009

 23.7481, 16.7162,
34.1865


178.2919,
153.8054, 230.0173

 15.2706, 10.0323,
22.7584

218.3541,
190.9026, 279.5633

 9.0970, 5.4204,
14.2116

264.0084,
233.5313, 335.7575

 4.8621, 2.4960,
8.1276

315.6203,

 2.2005, 0.8746,

282.0759, 399.0183

4.0877

373.5551,
336.9206, 469.7645

■ 0.7430, 0.0000,
1.6736

■ 0.0000, 0.0000,
0.3425

■ 66.6580, 53.0430,
89.9441

■ 66.6580, 53.0430,
89.9441

■ 62.5228, 44.9243,
88.0957

■ 71.6332, 62.8392,
92.0753

■ 59.1757, 38.3822,
86.5110

■ 77.4868, 74.3926,
94.5005

■ 56.5668, 33.3159,
85.1740

■ 84.2606, 87.7860,
97.2340

■ 54.6383, 29.6100,
84.0655

■ 88.9849, 97.0799,
99.2860

53.3240, 27.1319,
83.1634

89.0820, 97.1187,
99.7973

52.5445, 25.7228,
82.4412

89.1795, 97.1577,
100.3103

52.1910, 25.1463,
81.9213

89.2772, 97.1968,
100.8252

89.3753, 97.2360,
101.3418

89.4738, 97.2754,
101.8602

Harmonies

Analogous

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



58.8083, 53.0430, 115.4633



66.6580, 53.0430, 89.9441



70.1335, 53.0430, 60.5449

Triad

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



66.6580, 53.0430, 89.9441



51.3808, 53.0430, 20.6026



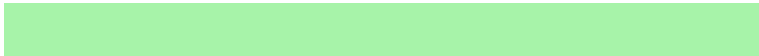
36.2773, 53.0430, 83.7033

Complementary

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



66.6580, 53.0430, 89.9441



55.1505, 75.1829, 49.1441

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.



34.7905, 53.0430, 55.0518



66.6580, 53.0430, 89.9441



42.8623, 53.0430, 23.4271

Square

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



66.6580, 53.0430, 89.9441



60.6680, 53.0430, 24.9645



37.0527, 53.0430, 34.3393



41.3889, 53.0430, 111.1595

Rectangle

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



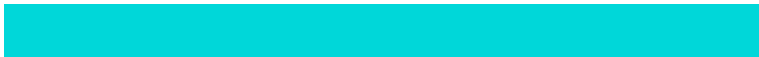
66.6580, 53.0430, 89.9441



69.2241, 53.0430, 44.3076



37.0527, 53.0430, 34.3393



35.3660, 53.0430, 73.6798

Sweetspot

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



66.6597, 53.0453, 89.9452



88.0636, 86.1825, 106.0921



46.2041, 42.4654, 90.5565



18.6246, 18.0028, 22.6167



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.



66.6597, 53.0453, 89.9452



71.1259, 52.8046, 98.9127



61.6499, 51.0414, 63.5641



17.1937, 16.7603, 20.7665



28.6523, 13.8044, 45.0050



2.5241, 1.2156, 3.9864

Inverse Universe

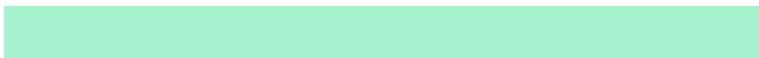
The Inverse Universe completely reimagines the original color for something new.



66.6597, 53.0453, 89.9452



71.1259, 52.8046, 98.9127



59.1620, 76.7875, 70.2680



17.1937, 16.7603, 20.7665



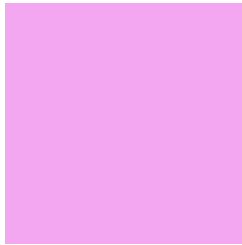
28.6523, 13.8044, 45.0050



2.5241, 1.2156, 3.9864

Previews

White Background



This preview shows how the XYZ color 66.6580, 53.0430, 89.9441 looks on a white background.

Color Contrast Check

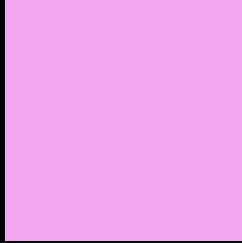
Large Text (above 18pt) WCAG AA × Fail

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 66.6580, 53.0430, 89.9441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

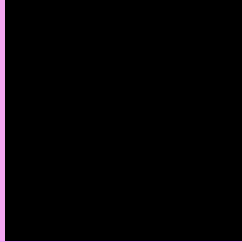
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6580, 53.0430, 89.9441

Background



This preview shows how black text looks on a background with the XYZ color 66.6580, 53.0430, 89.9441.

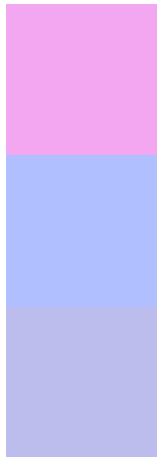


This preview shows how white text looks on a background with the XYZ color 66.6580, 53.0430,

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

66.6580, 53.0430, 89.9441

Protanopia

54.3600, 53.5956, 102.0876

Deuteranopia

54.4699, 53.3284, 87.5433



Tritanopia

59.6085, 52.9949, 55.8025

Trichromacy



Original Color

66.6580, 53.0430, 89.9441



Protanomaly

57.8027, 52.6374, 97.5560



Deuteranomaly

58.2510, 52.7761, 88.0056



Tritanomaly

62.0488, 52.8413, 67.2507

Monochromacy



Original Color

66.6580, 53.0430, 89.9441



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.6395, 54.6918, 71.1370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6580, 53.0430, 89.9441 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, 167, 241)` looks like.

```
.text, #text, p{  
    color:rgb(243, 167, 241)  
}
```

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, 167, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 167, 241) }
```

Border

The CSS property to change the border of an element to XYZ 66.6580, 53.0430, 89.9441 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, 167, 241) }
```


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

```
.border{ border-color:rgb(243, 167, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 167, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 167, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 167, 241);  
box-shadow:4px 4px 4px 4px rgb(243, 167,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6580, 53.0430, 89.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 167, 241) }
```

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

```
.background{ background-color: rgb(243,  
167, 241) }
```

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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