

Converting Colors

XYZ(69.6718, 53.9133, 89.6275)

Have a look what the booklet for
XYZ(69.6718, 53.9133, 89.6275)
contains.

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Color

**XYZ(69.6607, 53.7844,
89.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	FDA4F1
RGB	253, 164, 241
RGB Percent	99%, 64%, 95%
CMY	0.0078, 0.3568, 0.0549
CMYK	0.00, 0.35, 0.05, 0.01
HSL	308°, 96%, 82%
HSV	308°, 35%, 99%
XYZ	69.6607, 53.7844, 89.9290
YIQ	199.3890, 28.3270, 42.8150

Conversions

Conversions Part 2

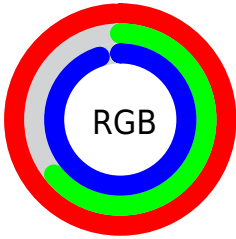
Format	Color
R _Y B	253, 164, 241
Decimal	16622833
CIE Lab	78.34, 44.18, -25.00
CIE LCh	78, 50.765, 330.498
Yxy	53.7844, 0.3265, 0.2521
Android (android.graphics.Color)	4294812913 (0xFFFDA4F1)
YUV	199.3890, 20.5142, 47.0168
Hunter-Lab	73.3378, 41.2088, -21.3666

Details

The XYZ color **69.6607, 53.7844, 89.9290** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.2739, 81.2795, 53.6947**, and the grayscale version is **54.3918, 57.2244, 62.3174**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **36.8386, 26.2567, 49.0254** is the 20% darker color. If you saturate the color by 10%, you get **65.0710, 45.4119, 85.9087**, and if you desaturate by 10%, it is **75.1639, 63.9666, 94.3020**.

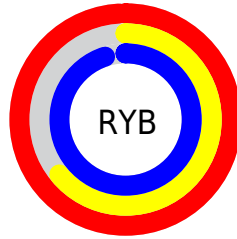
Distribution



Red (99%)

Green (64%)

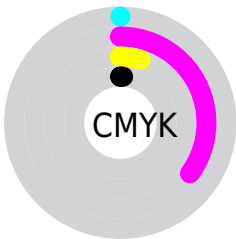
Blue (95%)



Red (99%)

Yellow (64%)

Blue (95%)

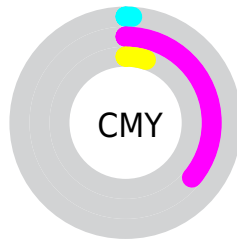


Cyan (0%)

Magenta (35%)

Yellow (5%)

Black (1%)



Cyan (1%)


Magenta (36%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6607, 53.7844, 89.9290 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 69.6607, 53.7844, 89.9290 by changing the saturation by 10% instead.


 69.6607, 53.7844,
89.9290


 69.6607, 53.7844,
89.9290


448.6428,
401.2873, 548.3640

 51.5286, 38.4293,
67.3484


 117.7537, 95.7576,
149.1744

 36.8522, 26.3161,
48.9044


 148.4452,
123.1445, 186.6763

 25.2662, 17.0602,
34.1786


184.0540,
155.3109, 229.9890

 16.4053, 10.2775,
22.7524

224.9452,
192.6410, 279.5311

 9.9041, 5.5833,
14.2072

271.4844,
235.5193, 335.7211

 5.3972, 2.5934,
8.1245

324.0368,

 2.5193, 0.9233,

284.3302, 398.9776

4.0858

382.9678,
339.4581, 469.7190

■ 0.9050, 0.0000,
1.6725

■ 0.0000, 0.0000,
0.3418

■ 69.6607, 53.7844,
89.9290

■ 69.6607, 53.7844,
89.9290

■ 65.0710, 45.4119,
85.9087

■ 75.1639, 63.9666,
94.3020

■ 61.3359, 38.7346,
82.2196

■ 81.6248, 76.0498,
99.0410

■ 58.3978, 33.6360,
78.8428

■ 89.0908, 90.1278,
104.1626

■ 56.1895, 29.9821,
75.7555

■ 94.2619, 99.6003,
108.5670

■ 54.6328, 27.6164,
72.9315

94.3186, 99.6230,
108.8658

■ 53.6313, 26.3464,
70.3384

■ 53.2797, 25.9914,
69.1476

Harmonies

Analogous

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



61.4661, 53.7844, 119.6559



69.6607, 53.7844, 89.9290



72.7560, 53.7844, 58.0870

Triad

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



69.6607, 53.7844, 89.9290



50.9543, 53.7844, 19.0627



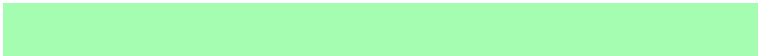
36.3339, 53.7844, 91.0316

Complementary

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



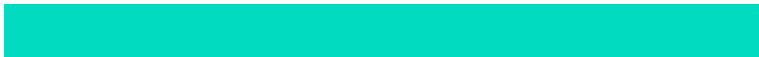
69.6607, 53.7844, 89.9290



58.2739, 81.2795, 53.6947

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.



34.2653, 53.7844, 59.0397



69.6607, 53.7844, 89.9290



42.0061, 53.7844, 22.8815

Square

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



69.6607, 53.7844, 89.9290



61.1410, 53.7844, 22.6279



36.2016, 53.7844, 35.4963



42.2594, 53.7844, 120.4245

Rectangle

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



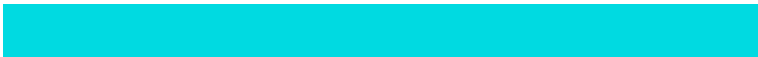
69.6607, 53.7844, 89.9290



71.2339, 53.7844, 41.3828



36.2016, 53.7844, 35.4963



35.2016, 53.7844, 79.9385

Sweetspot

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



69.6624, 53.7868, 89.9301



86.1423, 83.1496, 102.9560



48.8819, 42.8600, 98.6263



18.2219, 17.3905, 21.8872



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.



69.6624, 53.7868, 89.9301



67.6255, 48.7329, 88.7156



63.8216, 51.4505, 59.1730



18.6811, 18.2557, 22.2037



28.3824, 13.8422, 36.9936



2.7914, 1.3589, 3.7489

Inverse Universe

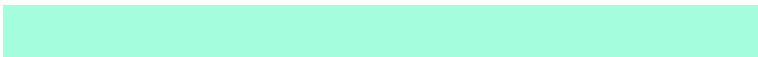
The Inverse Universe completely reimagines the original color for something new.



69.6624, 53.7868, 89.9301



67.6255, 48.7329, 88.7156



63.4041, 83.3316, 80.7100



18.6811, 18.2557, 22.2037



28.3824, 13.8422, 36.9936



2.7914, 1.3589, 3.7489

Previews

White Background



This preview shows how the XYZ color 69.6607, 53.7844, 89.9290 looks on a white background.

Color Contrast Check

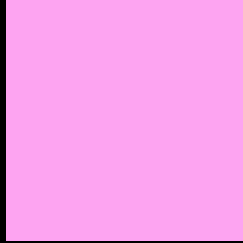
Large Text (above 18pt) WCAG AA × Fail

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 69.6607, 53.7844, 89.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

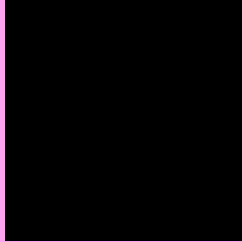
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6607, 53.7844, 89.9290

Background



This preview shows how black text looks on a background with the XYZ color 69.6607, 53.7844, 89.9290.



This preview shows how white text looks on a background with the XYZ color 69.6607, 53.7844,

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

69.6607, 53.7844, 89.9290

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.2920, 54.0895, 86.8830



Tritanopia

62.4131, 53.8836, 54.6880

Trichromacy



Original Color

69.6607, 53.7844, 89.9290



Protanomaly

59.1601, 53.3372, 97.6195



Deuteranomaly

59.6880, 53.5169, 88.0728



Tritanomaly

64.8923, 53.7706, 65.9900

Monochromacy



Original Color

69.6607, 53.7844, 89.9290



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.9099, 55.0329, 71.1359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6607, 53.7844, 89.9290 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(253, 164, 241)` looks like.

```
.text, #text, p{  
    color:rgb(253, 164, 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(253, 164, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 164, 241) }
```

Border

The CSS property to change the border of an element to XYZ 69.6607, 53.7844, 89.9290 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(253, 164, 241) }
```


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

```
.border{ border-color:rgb(253, 164, 241) }
```

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

Here you see how a box with a 4 pixel rgb(253, 164, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 164, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 164, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 164,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6607, 53.7844, 89.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 164, 241) }
```

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

```
.background{ background-color: rgb(253,  
164, 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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