

Converting Colors

XYZ(54.5654, 39.2279, 66.9768)

Have a look what the booklet for
XYZ(54.5654, 39.2279, 66.9768)
contains.

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Color

**XYZ(54.5321, 39.1907,
66.9778)**

Conversions

Conversions Part 1

Format	Color
Hex	EB85D4
RGB	235, 133, 212
RGB Percent	92%, 52%, 83%
CMY	0.0784, 0.4784, 0.1686
CMYK	0.00, 0.43, 0.10, 0.08
HSL	314°, 72%, 72%
HSV	314°, 43%, 92%
XYZ	54.5321, 39.1907, 66.9778
YIQ	172.5040, 35.4330, 46.1930

Conversions

Conversions Part 2

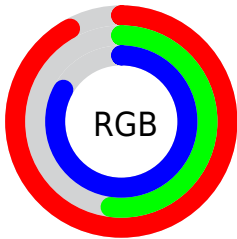
Format	Color
R _Y B	235, 133, 212
Decimal	15435220
CIE Lab	68.89, 49.57, -23.73
CIE LCh	69, 54.958, 334.416
Yxy	39.1907, 0.3393, 0.2439
Android (android.graphics.Color)	4293625300 (0xFFEB85D4)
YUV	172.5040, 19.4715, 54.8090
Hunter-Lab	62.6025, 45.9344, -19.6121

Details

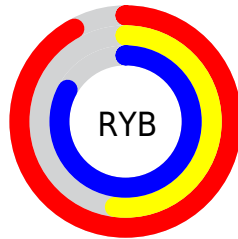
The XYZ color **54.5321, 39.1907, 66.9778** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **45.3836, 66.8047, 41.9578**, and the grayscale version is **39.3610, 41.4108, 45.0964**.

A 20% lighter version of the original color is **77.2732, 64.4464, 102.9744**, and **27.0859, 17.5188, 33.8522** is the 20% darker color. If you saturate the color by 10%, you get **51.0100, 33.1982, 62.5597**, and if you desaturate by 10%, it is **58.7983, 46.6348, 71.7529**.

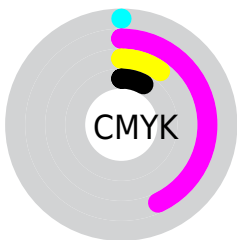
Distribution



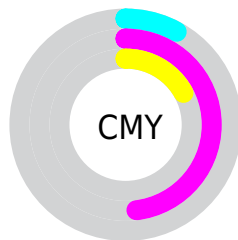
- Red (92%)
- Green (52%)
- Blue (83%)



- Red (92%)
- Yellow (52%)
- Blue (83%)



- Cyan (0%)
- Magenta (43%)
- Yellow (10%)
- Black (8%)





- Cyan (8%)
- Magenta (48%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5321, 39.1907, 66.9778 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 54.5321, 39.1907, 66.9778 by changing the saturation by 10% instead.


 54.5321, 39.1907,
66.9778


 54.5321, 39.1907,
66.9778


394.3012,
342.7006, 468.3651


 39.2596, 26.9081,
48.6051


 96.0074, 73.9296,
116.5289

 27.1434, 17.5042,
33.9429


 122.9409, 97.1546,
148.5445

 17.8181, 10.5946,
22.5728


 154.4921,
124.7959, 185.9447

 10.9183, 5.7950,
14.0760

191.0264,
157.2379, 229.1482

 6.0788, 2.7208,
8.0342

232.9090,
194.8650, 278.5734

 2.9342, 0.9878,
4.0288

280.5055,

 1.1191, 0.0000,

238.0616, 334.6389

1.6411

334.1811,
287.2119, 397.7633

■ 0.0410, 0.0000,
0.3199

■ 0.0000, 0.0000,
0.0000

■ 54.5321, 39.1907,
66.9778

■ 54.5321, 39.1907,
66.9778

■ 51.0100, 33.1982,
62.5597

■ 58.7983, 46.6348,
71.7529

■ 48.1795, 28.5548,
58.4790


■ 63.8490, 55.6134,
76.8985


■ 45.9870, 25.1530,
54.7172


■ 69.7264, 66.2095,
82.4298


■ 44.3693, 22.8667,
51.2522


■ 76.4683, 78.4984,
88.3606


 43.2496, 21.5425,
48.0572

 84.1102, 92.5510,
94.7036

 42.7055, 21.0400,
46.0705

 86.3195, 95.7016,
99.3489

 87.1351, 96.0279,
103.6437

 87.9740, 96.3634,
108.0614

 88.0712, 96.4023,
108.5734

Harmonies

Analogous

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



47.5644, 39.1907, 95.8797



54.5321, 39.1907, 66.9778



56.6155, 39.1907, 39.0765

Triad

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



54.5321, 39.1907, 66.9778



35.9720, 39.1907, 10.4488



25.0479, 39.1907, 76.0153

Complementary

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



54.5321, 39.1907, 66.9778



45.3836, 66.8047, 41.9578

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.



22.8958, 39.1907, 46.4816



54.5321, 39.1907, 66.9778



28.5455, 39.1907, 14.0322

Square

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



54.5321, 39.1907, 66.9778



44.9779, 39.1907, 12.3416



24.0689, 39.1907, 25.0981



30.4615, 39.1907, 102.3709

Rectangle

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



54.5321, 39.1907, 66.9778



54.7186, 39.1907, 25.7263



24.0689, 39.1907, 25.0981



23.9611, 39.1907, 65.7862

Sweetspot

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



54.5333, 39.1925, 66.9786



84.1910, 80.1707, 99.4579



36.9216, 29.7538, 82.3950



17.6641, 16.5143, 20.9626



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.



54.5333, 39.1925, 66.9786



61.8528, 40.7191, 75.9042



49.1627, 37.0442, 38.6970



15.5610, 15.2523, 18.2395



23.8179, 11.7298, 25.9060



1.9058, 0.9353, 2.2216

Inverse Universe

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



54.5333, 39.1925, 66.9786



61.8528, 40.7191, 75.9042



50.5354, 68.8654, 69.0865



15.5610, 15.2523, 18.2395



23.8179, 11.7298, 25.9060



1.9058, 0.9353, 2.2216

Previews

White Background



This preview shows how the XYZ color 54.5321, 39.1907, 66.9778 looks on a white background.

Color Contrast Check

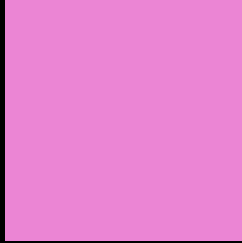
Large Text (above 18pt) WCAG AA × Fail

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 54.5321, 39.1907, 66.9778 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 54.5321, 39.1907, 66.9778

Background



This preview shows how black text looks on a background with the XYZ color 54.5321, 39.1907, 66.9778.



This preview shows how white text looks on a background with the XYZ color 54.5321, 39.1907,

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

54.5321, 39.1907, 66.9778

Protanopia

40.9549, 39.5899, 85.6038

Deuteranopia

40.3216, 39.4735, 63.8865



Tritanopia

48.1211, 39.1451, 36.4720

Trichromacy



Original Color

54.5321, 39.1907, 66.9778



Protanomaly

44.1496, 38.2963, 78.4638



Deuteranomaly

44.2623, 38.4129, 64.7561



Tritanomaly

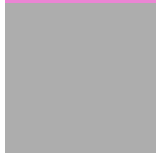
50.3163, 39.1733, 45.9835

Monochromacy



Original Color

54.5321, 39.1907, 66.9778



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.9615, 39.7773, 52.3745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5321, 39.1907, 66.9778 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(235, 133, 212)` looks like.

```
.text, #text, p{  
    color:rgb(235, 133, 212)  
}
```

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(235, 133, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 133, 212) }
```

Border

The CSS property to change the border of an element to XYZ 54.5321, 39.1907, 66.9778 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(235, 133, 212) }
```


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

```
.border{ border-color:rgb(235, 133, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 133, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 133, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 133, 212);  
box-shadow:4px 4px 4px 4px rgb(235, 133,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5321, 39.1907, 66.9778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 133, 212) }
```

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

```
.background{ background-color: rgb(235,  
133, 212) }
```

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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