

Converting Colors

XYZ(54.5480, 39.8625, 54.6571)

Have a look what the booklet for
XYZ(54.5480, 39.8625, 54.6571)
contains.

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Color

**XYZ(54.4540, 39.8345,
54.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	F187C0
RGB	241, 135, 192
RGB Percent	95%, 53%, 75%
CMY	0.0549, 0.4706, 0.2471
CMYK	0.00, 0.44, 0.20, 0.05
HSL	328°, 79%, 74%
HSV	328°, 44%, 95%
XYZ	54.4540, 39.8345, 54.6880
YIQ	173.1920, 44.8790, 40.1990

Conversions

Conversions Part 2

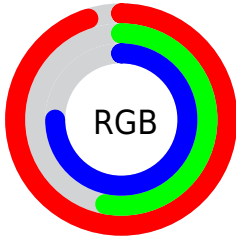
Format	Color
R _Y B	241, 135, 192
Decimal	15828928
CIE Lab	69.35, 47.38, -11.82
CIE LCh	69, 48.831, 345.990
Yxy	39.8345, 0.3655, 0.2674
Android (android.graphics.Color)	4294019008 (0xFFFF187C0)
YUV	173.1920, 9.2723, 59.4676
Hunter-Lab	63.1146, 43.5557, -7.1938

Details

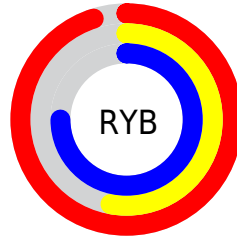
The XYZ color **54.4540, 39.8345, 54.6880** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.1005, 71.5232, 56.5155**, and the grayscale version is **39.7577, 41.8282, 45.5509**.

A 20% lighter version of the original color is **76.5967, 64.8642, 97.2899**, and **27.2059, 17.9659, 26.4600** is the 20% darker color. If you saturate the color by 10%, you get **50.2761, 33.3798, 47.4338**, and if you desaturate by 10%, it is **59.4887, 47.8523, 62.6897**.

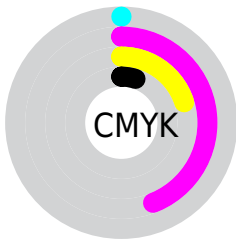
Distribution



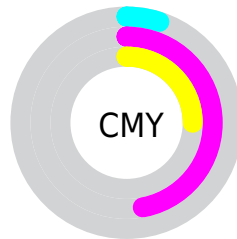
- Red (95%)
- Green (53%)
- Blue (75%)



- Red (95%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (44%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4540, 39.8345, 54.6880 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 54.4540, 39.8345, 54.6880 by changing the saturation by 10% instead.


 54.4540, 39.8345,
54.6880


 54.4540, 39.8345,
54.6880


394.0091,
345.4255, 421.9767


 39.1969, 27.4095,
38.7551


 95.8935, 74.9114,
98.5502

 27.0943, 17.8810,
26.2629


 122.8066, 98.3322,
127.3166

 17.7810, 10.8646,
16.7929


 154.3357,
126.1870, 161.1979

 10.8916, 5.9759,
9.9265

190.8462,
158.8602, 200.6126

 6.0608, 2.8304,
5.2453

232.7034,
196.7363, 245.9793

 2.9231, 1.0438,
2.3307

280.2727,

 1.1132, 0.0000,

240.1996, 297.7166

0.7483

333.9195,
289.6346, 356.2428

■ 0.0361, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4540, 39.8345,
54.6880

■ 54.4540, 39.8345,
54.6880

■ 50.2761, 33.3798,
47.4338

■ 59.4887, 47.8523,
62.6897

■ 46.8974, 28.3776,
40.8965

■ 65.4257, 57.5226,
71.4627

■ 44.2585, 24.7120,
35.0462

■ 72.3115, 68.9346,
81.0325

■ 42.2892, 22.2465,
29.8488

■ 80.1883, 82.1696,
91.4222

■ 40.9047, 20.8147,
25.2645

■ 88.9335, 96.9800,
102.6001

■ 40.2775, 20.3015,
22.7706

■ 90.0858, 97.4408,
108.6677

Harmonies

Analogous

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



49.7727, 39.8345, 80.8196



54.4540, 39.8345, 54.6880



54.2824, 39.8345, 32.5330

Triad

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



54.4540, 39.8345, 54.6880



33.8584, 39.8345, 13.6987



28.3230, 39.8345, 82.4278

Complementary

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



54.4540, 39.8345, 54.6880



50.1005, 71.5232, 56.5155

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.



25.1391, 39.8345, 56.3874



54.4540, 39.8345, 54.6880



28.0205, 39.8345, 19.7588

Square

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



54.4540, 39.8345, 54.6880



41.6299, 39.8345, 13.5203



25.0366, 39.8345, 33.7374



34.3277, 39.8345, 100.2013

Rectangle

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



54.4540, 39.8345, 54.6880



51.4170, 39.8345, 22.6261



25.0366, 39.8345, 33.7374



26.9262, 39.8345, 74.0152

Sweetspot

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



54.4552, 39.8364, 54.6888



83.0014, 79.6949, 93.1933



44.0002, 33.7116, 87.4074



17.3693, 16.3964, 19.4105



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.



54.4552, 39.8364, 54.6888



57.5108, 38.4858, 54.5703



49.6969, 37.9331, 29.6320



16.1282, 15.9010, 18.2313



21.9104, 11.0366, 12.7109



1.8729, 0.9382, 1.3218

Inverse Universe

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



54.4552, 39.8364, 54.6888



57.5108, 38.4858, 54.5703



56.5450, 74.1010, 90.4518



16.1282, 15.9010, 18.2313



21.9104, 11.0366, 12.7109



1.8729, 0.9382, 1.3218

Previews

White Background



This preview shows how the XYZ color 54.4540, 39.8345, 54.6880 looks on a white background.

Color Contrast Check

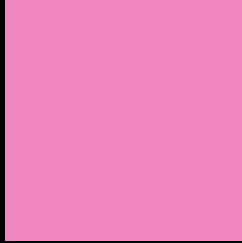
Large Text (above 18pt) WCAG AA × Fail

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 54.4540, 39.8345, 54.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

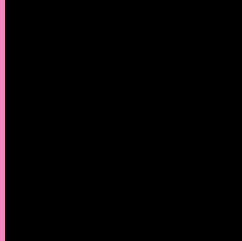
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4540, 39.8345, 54.6880

Background



This preview shows how black text looks on a background with the XYZ color 54.4540, 39.8345, 54.6880.



This preview shows how white text looks on a background with the XYZ color 54.4540, 39.8345,

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

54.4540, 39.8345, 54.6880

Protanopia

40.2408, 40.1294, 69.2432

Deuteranopia

40.7849, 39.9631, 52.5778



Tritanopia

50.4973, 39.9494, 35.1865

Trichromacy



Original Color

54.4540, 39.8345, 54.6880



Protanomaly

43.7681, 38.9245, 63.5989



Deuteranomaly

44.8283, 39.2028, 53.3483



Tritanomaly

51.6130, 39.7233, 41.5063

Monochromacy



Original Color

54.4540, 39.8345, 54.6880



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.9251, 40.0973, 48.6045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4540, 39.8345, 54.6880 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(241, 135, 192)` looks like.

```
.text, #text, p{  
    color:rgb(241, 135, 192)  
}
```

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(241, 135, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 135, 192) }
```

Border

The CSS property to change the border of an element to XYZ 54.4540, 39.8345, 54.6880 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(241, 135, 192) }
```


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

```
.border{ border-color:rgb(241, 135, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 135, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 135, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 135, 192);  
box-shadow:4px 4px 4px 4px rgb(241, 135,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4540, 39.8345, 54.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 135, 192) }
```

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

```
.background{ background-color: rgb(241,  
135, 192) }
```

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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