

Converting Colors

XYZ(54.5306, 39.8445, 53.6859)

Have a look what the booklet for
XYZ(54.5306, 39.8445, 53.6859)
contains.

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Color

**XYZ(54.5762, 39.9229,
53.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	F287BE
RGB	242, 135, 190
RGB Percent	95%, 53%, 75%
CMY	0.0510, 0.4706, 0.2549
CMYK	0.00, 0.44, 0.21, 0.05
HSL	329°, 80%, 74%
HSV	329°, 44%, 95%
XYZ	54.5762, 39.9229, 53.5446
YIQ	173.2630, 46.1170, 39.7890

Conversions

Conversions Part 2

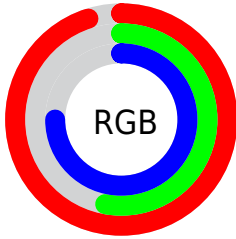
Format	Color
R_{YB}	242, 135, 190
Decimal	15894462
CIE _{Lab}	69.41, 47.42, -10.60
CIE _{LCh}	69, 48.587, 347.402
Yxy	39.9229, 0.3686, 0.2697
Android (android.graphics.Color)	4294084542 (0xFFFF287BE)
YUV	173.2630, 8.2513, 60.2823
Hunter-Lab	63.1846, 43.6079, -6.0150

Details

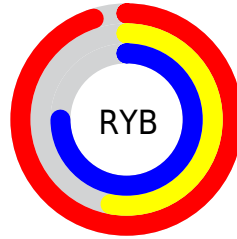
The XYZ color **54.5762, 39.9229, 53.5446** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.7153, 72.2442, 58.2887**, and the grayscale version is **39.7985, 41.8712, 45.5977**.

A 20% lighter version of the original color is **76.2880, 64.7407, 95.6642**, and **27.2998, 18.0311, 25.7084** is the 20% darker color. If you saturate the color by 10%, you get **50.3414, 33.4280, 46.0446**, and if you desaturate by 10%, it is **59.6843, 47.9977, 61.8484**.

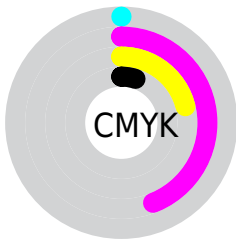
Distribution



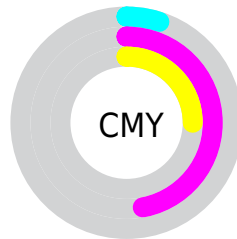
- Red (95%)
- Green (53%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (5%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5762, 39.9229, 53.5446 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 54.5762, 39.9229, 53.5446 by changing the saturation by 10% instead.


 54.5762, 39.9229,
53.5446


 54.5762, 39.9229,
53.5446


394.4660,
345.7985, 417.4965


 39.2950, 27.4784,
37.8470


 96.0717, 75.0461,
96.8549

 27.1711, 17.9329,
25.5631


 123.0167, 98.4936,
125.3047

 17.8390, 10.9018,
16.2742


 154.5804,
126.3776, 158.8423

 10.9334, 6.0008,
9.5620

191.1281,
159.0825, 197.8863

 6.0891, 2.8456,
5.0077

233.0251,
196.9926, 242.8551

 2.9405, 1.0517,
2.1930

280.6369,

 1.1224, 0.0000,

240.4924, 294.1674

0.6703

334.3287,
289.9662, 352.2417

■ 0.0437, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5762, 39.9229,
53.5446

■ 54.5762, 39.9229,
53.5446

■ 50.3414, 33.4280,
46.0446

■ 59.6843, 47.9977,
61.8484

■ 46.9214, 28.4009,
39.3157

■ 65.7124, 57.7430,
70.9819

■ 44.2556, 24.7240,
33.3254

■ 72.7077, 69.2493,
80.9724

■ 42.2724, 22.2586,
28.0372

■ 80.7132, 82.5989,
91.8453

■ 40.8852, 20.8356,
23.4085

■ 89.4470, 97.2249,
103.5172

■ 40.2808, 20.3424,
21.0008

■ 90.4282, 97.6174,
108.6837

Harmonies

Analogous

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



50.1134, 39.9229, 79.5775



54.5762, 39.9229, 53.5446



54.1619, 39.9229, 31.8294

Triad

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



54.5762, 39.9229, 53.5446



33.6275, 39.9229, 13.9826



28.6585, 39.9229, 83.4555

Complementary

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



54.5762, 39.9229, 53.5446



50.7153, 72.2442, 58.2887

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.



25.3396, 39.9229, 57.6485



54.5762, 39.9229, 53.5446



27.9263, 39.9229, 20.3670

Square

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



54.5762, 39.9229, 53.5446



41.3173, 39.9229, 13.5489



25.0914, 39.9229, 34.7444



34.7623, 39.9229, 100.4290

Rectangle

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



54.5762, 39.9229, 53.5446



51.1745, 39.9229, 22.2230



25.0914, 39.9229, 34.7444



27.2188, 39.9229, 75.1898

Sweetspot

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



54.5774, 39.9248, 53.5454



82.8850, 79.6483, 92.5805



45.1171, 34.2701, 88.2417



17.3406, 16.3849, 19.2593



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.



54.5774, 39.9248, 53.5454



57.1581, 38.3448, 52.7131



49.7833, 38.0072, 28.3001



16.1120, 15.8945, 18.1459



21.7085, 10.9558, 11.6473



1.8562, 0.9315, 1.2337

Inverse Universe

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



54.5774, 39.9248, 53.5454



57.1581, 38.3448, 52.7131



57.5055, 74.9602, 94.0454



16.1120, 15.8945, 18.1459



21.7085, 10.9558, 11.6473



1.8562, 0.9315, 1.2337

Previews

White Background



This preview shows how the XYZ color 54.5762, 39.9229, 53.5446 looks on a white background.

Color Contrast Check

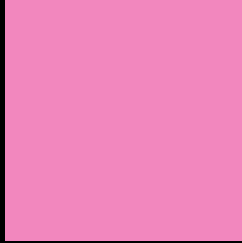
Large Text (above 18pt) WCAG AA × Fail

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 54.5762, 39.9229, 53.5446 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 54.5762, 39.9229, 53.5446

Background



This preview shows how black text looks on a background with the XYZ color 54.5762, 39.9229, 53.5446.



This preview shows how white text looks on a background with the XYZ color 54.5762, 39.9229,

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

54.5762, 39.9229, 53.5446

Protanopia

40.1844, 40.1297, 67.9152

Deuteranopia

41.0345, 40.1163, 51.4794



Tritanopia

50.6827, 39.8231, 35.1523

Trichromacy



Original Color

54.5762, 39.9229, 53.5446



Protanomaly

43.7738, 38.9554, 62.3388



Deuteranomaly

45.1538, 39.3956, 52.2379



Tritanomaly

51.7122, 39.5691, 40.9885

Monochromacy



Original Color

54.5762, 39.9229, 53.5446



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.8235, 40.0567, 48.0698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5762, 39.9229, 53.5446 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(242, 135, 190)` looks like.

```
.text, #text, p{  
    color:rgb(242, 135, 190)  
}
```

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(242, 135, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 135, 190) }
```

Border

The CSS property to change the border of an element to XYZ 54.5762, 39.9229, 53.5446 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(242, 135, 190) }
```


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

```
.border{ border-color:rgb(242, 135, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 135, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 135, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 135, 190);  
box-shadow:4px 4px 4px 4px rgb(242, 135,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5762, 39.9229, 53.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 135, 190) }
```

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

```
.background{ background-color: rgb(242,  
135, 190) }
```

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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