

Converting Colors

XYZ(53.6726, 39.0450, 52.6656)

Have a look what the booklet for
XYZ(53.6726, 39.0450, 52.6656)
contains.

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Color

**XYZ(53.8485, 39.1500,
52.8627)**

Conversions

Conversions Part 1

Format	Color
Hex	F185BD
RGB	241, 133, 189
RGB Percent	95%, 52%, 74%
CMY	0.0549, 0.4784, 0.2588
CMYK	0.00, 0.45, 0.22, 0.05
HSL	329°, 79%, 73%
HSV	329°, 45%, 95%
XYZ	53.8485, 39.1500, 52.8627
YIQ	171.6760, 46.3920, 40.3120

Conversions

Conversions Part 2

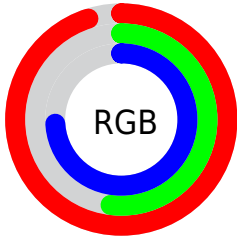
Format	Color
R_{YB}	241, 133, 189
Decimal	15828413
CIE _{Lab}	68.86, 47.95, -10.88
CIE _{LCh}	69, 49.172, 347.216
Yxy	39.1500, 0.3692, 0.2684
Android (android.graphics.Color)	4294018493 (0xFFFF185BD)
YUV	171.6760, 8.5407, 60.7971
Hunter-Lab	62.5700, 44.1219, -6.2926

Details

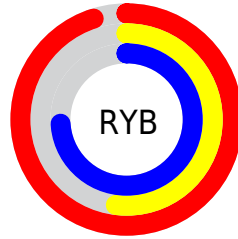
The XYZ color **53.8485, 39.1500, 52.8627** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.8870, 71.4011, 57.0549**, and the grayscale version is **38.9920, 41.0227, 44.6737**.

A 20% lighter version of the original color is **75.7047, 63.8190, 94.7144**, and **26.8410, 17.5822, 25.2716** is the 20% darker color. If you saturate the color by 10%, you get **49.7099, 32.8084, 45.5151**, and if you desaturate by 10%, it is **58.8471, 47.0494, 60.9950**.

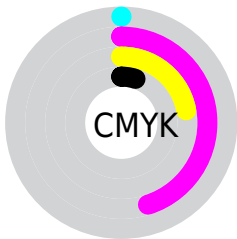
Distribution



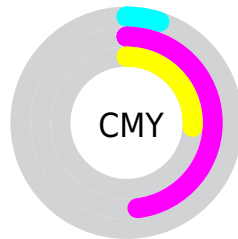
- Red (95%)
- Green (52%)
- Blue (74%)



- Red (95%)
- Yellow (52%)
- Blue (74%)



- Cyan (0%)
- Magenta (45%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (48%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8485, 39.1500, 52.8627 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 53.8485, 39.1500, 52.8627 by changing the saturation by 10% instead.


 53.8485, 39.1500,
52.8627

 53.8485, 39.1500,
52.8627


391.7398,
342.5278, 414.8095


 38.7107, 26.8764,
37.3062


 95.0100, 73.8674,
95.8418

 26.7145, 17.4804,
25.1470


 121.7644, 97.0801,
124.1015

 17.4944, 10.5776,
15.9666


 153.1217,
124.7078, 157.4326

 10.6851, 5.7836,
9.3464

189.4473,
157.1352, 196.2538

 5.9212, 2.7139,
4.8679

231.1066,
194.7464, 240.9835

 2.8374, 0.9843,
2.1126

278.4649,

 1.0684, 0.0000,

237.9260, 292.0404

0.6233

331.8875,
287.0584, 349.8428

■ 0.0000, 0.0000,
0.0000

■ 53.8485, 39.1500,
52.8627

■ 53.8485, 39.1500,
52.8627

■ 49.7099, 32.8084,
45.5151

■ 58.8471, 47.0494,
60.9950

■ 46.3730, 27.9130,
38.9202

■ 64.7519, 56.5968,
69.9375

■ 43.7773, 24.3465,
33.0460

■ 71.6099, 67.8821,
79.7170

■ 41.8516, 21.9702,
27.8564

■ 79.4637, 80.9872,
90.3582

■ 40.5088, 20.6144,
23.3093

■ 88.3533, 95.9887,
101.8848

■ 39.9748, 20.1805,
21.1761

■ 90.0858, 97.4409,
108.6677

Harmonies

Analogous

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



49.3473, 39.1500, 78.9919



53.8485, 39.1500, 52.8627



53.4651, 39.1500, 31.1303

Triad

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



53.8485, 39.1500, 52.8627



32.9436, 39.1500, 13.3431



27.9200, 39.1500, 82.5911

Complementary

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



53.8485, 39.1500, 52.8627



49.8870, 71.4011, 57.0549

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.



24.6381, 39.1500, 56.6558



53.8485, 39.1500, 52.8627



27.2478, 39.1500, 19.5917

Square

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



53.8485, 39.1500, 52.8627



40.6314, 39.1500, 12.9504



24.4106, 39.1500, 33.8072



33.9880, 39.1500, 99.7796

Rectangle

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



53.8485, 39.1500, 52.8627



50.4871, 39.1500, 21.5589



24.4106, 39.1500, 33.8072



26.4936, 39.1500, 74.2644

Sweetspot

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



53.8497, 39.1519, 52.8635



82.9071, 79.6572, 92.6966



43.8903, 33.2446, 87.3231



17.3460, 16.3871, 19.2880



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.



53.8497, 39.1519, 52.8635



56.7887, 37.7136, 52.2580



49.1514, 37.2726, 28.1229



16.1150, 15.8957, 18.1620



21.7459, 10.9708, 11.8446



1.8593, 0.9328, 1.2501

Inverse Universe

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



53.8497, 39.1519, 52.8635



56.7887, 37.7136, 52.2580



56.4741, 74.0359, 91.7420



16.1150, 15.8957, 18.1620



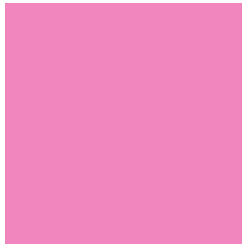
21.7459, 10.9708, 11.8446



1.8593, 0.9328, 1.2501

Previews

White Background



This preview shows how the XYZ color 53.8485, 39.1500, 52.8627 looks on a white background.

Color Contrast Check

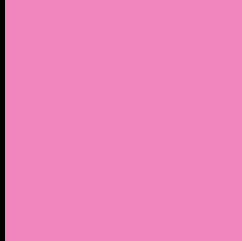
Large Text (above 18pt) WCAG AA × Fail

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 53.8485, 39.1500, 52.8627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

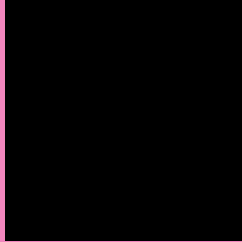
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8485, 39.1500, 52.8627

Background



This preview shows how black text looks on a background with the XYZ color 53.8485, 39.1500, 52.8627.



This preview shows how white text looks on a background with the XYZ color 53.8485, 39.1500,

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

53.8485, 39.1500, 52.8627

Protanopia

39.8029, 39.6600, 67.8447

Deuteranopia

40.2873, 39.4766, 50.8438



Tritanopia

49.8890, 38.9951, 34.1755

Trichromacy



Original Color

53.8485, 39.1500, 52.8627



Protanomaly

43.3595, 38.4937, 62.2715



Deuteranomaly

44.3416, 38.7451, 51.5959



Tritanomaly

50.9971, 38.7851, 40.3957

Monochromacy



Original Color

53.8485, 39.1500, 52.8627



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

43.2887, 39.5384, 47.4696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8485, 39.1500, 52.8627 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, 133, 189)` looks like.

```
.text, #text, p{  
    color:rgb(241, 133, 189)  
}
```

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, 133, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 133, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.8485, 39.1500, 52.8627 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, 133, 189) }
```


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

```
.border{ border-color:rgb(241, 133, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 133, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 133, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 133, 189);  
box-shadow:4px 4px 4px 4px rgb(241, 133,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8485, 39.1500, 52.8627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 133, 189) }
```

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

```
.background{ background-color: rgb(241,  
133, 189) }
```

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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