

Converting Colors

XYZ(53.1231, 39.2938, 58.1439)

Have a look what the booklet for
XYZ(53.1231, 39.2938, 58.1439)
contains.

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Color

**XYZ(53.2582, 39.3477,
58.2139)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EB88C6 |
| RGB | 235, 136, 198 |
| RGB Percent | 92%, 53%, 78% |
| CMY | 0.0784, 0.4666, 0.2235 |
| CMYK | 0.00, 0.42, 0.16, 0.08 |
| HSL | 322°, 71%, 73% |
| HSV | 322°, 42%, 92% |
| XYZ | 53.2582, 39.3477, 58.2139 |
| YIQ | 172.6690, 39.1020, 40.2700 |

Conversions

Conversions Part 2

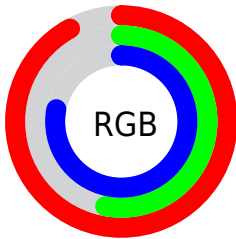
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 235, 136, 198 |
| Decimal | 15435974 |
| CIE Lab | 69.00, 45.82, -15.77 |
| CIE LCh | 69, 48.459, 341.009 |
| Yxy | 39.3477, 0.3531, 0.2609 |
| Android (android.graphics.Color) | 4293626054 (0xFFEB88C6) |
| YUV | 172.6690, 12.4882, 54.6643 |
| Hunter-Lab | 62.7277, 41.7796, -11.1141 |

Details

The XYZ color **53.2582, 39.3477, 58.2139** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **47.4063, 67.6693, 50.1011**, and the grayscale version is **39.4777, 41.5336, 45.2301**.

A 20% lighter version of the original color is **77.9208, 65.7416, 103.1903**, and **26.2588, 17.5472, 28.3885** is the 20% darker color. If you saturate the color by 10%, you get **49.3203, 33.0462, 52.0470**, and if you desaturate by 10%, it is **57.9827, 47.1274, 64.9337**.

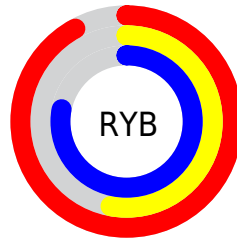
Distribution



Red (92%)

Green (53%)

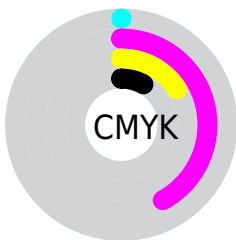
Blue (78%)



Red (92%)

Yellow (53%)

Blue (78%)

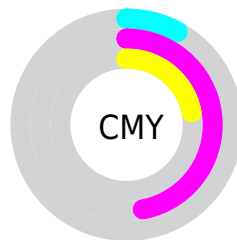


Cyan (0%)

Magenta (42%)

Yellow (16%)

Black (8%)



Cyan (8%)


Magenta (47%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2582, 39.3477, 58.2139 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 53.2582, 39.3477, 58.2139 by changing the saturation by 10% instead.


 53.2582, 39.3477,
58.2139

 53.2582, 39.3477,
58.2139


389.5196,
343.3665, 435.6030


 38.2372, 27.0303,
41.5648

 94.1475, 74.1692,
103.7521

 26.3449, 17.5960,
28.4376


 120.7465, 97.4421,
133.4783

 17.2159, 10.6603,
18.4139

 151.9356,
125.1356, 168.4007

 10.4848, 5.8389,
11.0751

188.0802,
157.6342, 208.9377

 5.7863, 2.7474,
6.0025

229.5455,
195.3221, 255.5078

 2.7550, 1.0013,
2.7778

276.6969,

 1.0256, 0.0000,

238.5839, 308.5298

0.9823

329.8998,
287.8039, 368.4220

■ 0.0000, 0.0000,
0.0000

■ 53.2582, 39.3477,
58.2139

■ 53.2582, 39.3477,
58.2139

■ 49.3203, 33.0462,
52.0470

■ 57.9827, 47.1274,
64.9337

■ 46.1166, 28.1210,
46.4095

■ 63.5348, 56.4673,
72.2236

■ 43.5936, 24.4664,
41.2789

■ 69.9568, 67.4499,
80.1027

■ 41.6884, 21.9582,
36.6292

■ 77.2870, 80.1503,
88.5884

■ 40.3256, 20.4474,
32.4299

■ 85.5612, 94.6389,
97.6970

■ 39.5409, 19.7742,
29.4055

■ 87.3867, 96.1285,
104.9686

■ 88.0713, 96.4023,
108.5734

Harmonies

Analogous

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



48.0055, 39.3477, 83.5793



53.2582, 39.3477, 58.2139



53.9377, 39.3477, 35.2289

Triad

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



53.2582, 39.3477, 58.2139



34.6360, 39.3477, 13.2017



27.2815, 39.3477, 77.2174

Complementary

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



53.2582, 39.3477, 58.2139



47.4063, 67.6693, 50.1011

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.



24.6420, 39.3477, 51.4820



53.2582, 39.3477, 58.2139



28.4823, 39.3477, 18.1098

Square

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



53.2582, 39.3477, 58.2139



42.4385, 39.3477, 13.9125



25.0490, 39.3477, 30.4481



32.7748, 39.3477, 96.9014

Rectangle

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



53.2582, 39.3477, 58.2139



51.6134, 39.3477, 24.4666



25.0490, 39.3477, 30.4481



26.0677, 39.3477, 68.6783

Sweetspot

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



53.2594, 39.3495, 58.2147



83.4403, 79.8704, 95.5043



40.8806, 32.4133, 82.6998



17.4778, 16.4398, 19.9817



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.



53.2594, 39.3495, 58.2147



59.7557, 40.3899, 63.2896



48.5075, 37.4488, 33.1914



15.4622, 15.2127, 17.7194



22.0699, 11.0307, 16.7014



1.7794, 0.8847, 1.5554

Inverse Universe

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



53.2594, 39.3495, 58.2147



59.7557, 40.3899, 63.2896



53.0211, 69.9153, 79.6684



15.4622, 15.2127, 17.7194



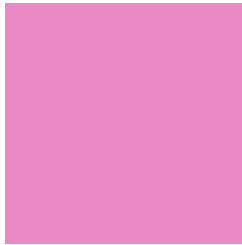
22.0699, 11.0307, 16.7014



1.7794, 0.8847, 1.5554

Previews

White Background



This preview shows how the XYZ color 53.2582, 39.3477, 58.2139 looks on a white background.

Color Contrast Check

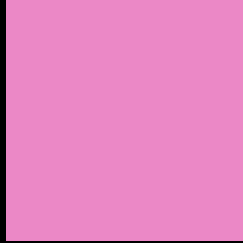
Large Text (above 18pt) WCAG AA × Fail

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 53.2582, 39.3477, 58.2139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

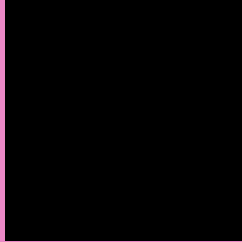
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2582, 39.3477, 58.2139

Background



This preview shows how black text looks on a background with the XYZ color 53.2582, 39.3477, 58.2139.



This preview shows how white text looks on a background with the XYZ color 53.2582, 39.3477,

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

53.2582, 39.3477, 58.2139

Protanopia

40.1225, 39.7205, 72.5700

Deuteranopia

40.5363, 39.7592, 55.9899



Tritanopia

48.5228, 39.1361, 36.0069

Trichromacy



Original Color

53.2582, 39.3477, 58.2139



Protanomaly

43.4135, 38.6704, 66.8040



Deuteranomaly

44.1709, 38.7871, 56.7884



Tritanomaly

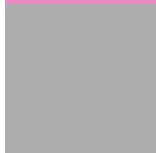
50.1543, 39.1458, 43.4406

Monochromacy



Original Color

53.2582, 39.3477, 58.2139



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.7793, 40.2548, 49.7185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2582, 39.3477, 58.2139 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, 136, 198)` looks like.

```
.text, #text, p{  
    color:rgb(235, 136, 198)  
}
```

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, 136, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 136, 198) }
```

Border

The CSS property to change the border of an element to XYZ 53.2582, 39.3477, 58.2139 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, 136, 198) }
```


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

```
.border{ border-color:rgb(235, 136, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 136, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 136, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 136, 198);  
box-shadow:4px 4px 4px 4px rgb(235, 136,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2582, 39.3477, 58.2139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 136, 198) }
```

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

```
.background{ background-color: rgb(235,  
136, 198) }
```

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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