

Converting Colors

XYZ(54.4127, 39.7002, 50.6600)

Have a look what the booklet for
XYZ(54.4127, 39.7002, 50.6600)
contains.

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Color

**XYZ(54.2442, 39.6077,
50.6850)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F386B9 |
| RGB | 243, 134, 185 |
| RGB Percent | 95%, 53%, 73% |
| CMY | 0.0471, 0.4745, 0.2745 |
| CMYK | 0.00, 0.45, 0.24, 0.05 |
| HSL | 332°, 82%, 74% |
| HSV | 332°, 45%, 95% |
| XYZ | 54.2442, 39.6077, 50.6850 |
| YIQ | 172.4050, 48.5930, 38.9690 |

Conversions

Conversions Part 2

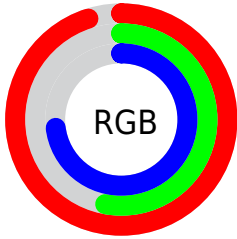
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 243, 134, 185 |
| Decimal | 15959737 |
| CIE Lab | 69.19, 47.54, -8.12 |
| CIE LCh | 69, 48.233, 350.304 |
| Yxy | 39.6077, 0.3753, 0.2740 |
| Android (android.graphics.Color) | 4294149817 (0xFFFF386B9) |
| YUV | 172.4050, 6.2093, 61.9118 |
| Hunter-Lab | 62.9346, 43.7159, -3.6955 |

Details

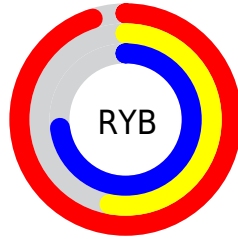
The XYZ color **54.2442, 39.6077, 50.6850** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.3984, 72.9763, 61.2497**, and the grayscale version is **39.3713, 41.4217, 45.1082**.

A 20% lighter version of the original color is **75.3148, 64.0061, 91.6040**, and **26.8745, 17.7411, 23.8377** is the 20% darker color. If you saturate the color by 10%, you get **49.9597, 33.1247, 42.8255**, and if you desaturate by 10%, it is **59.4267, 47.6873, 59.4573**.

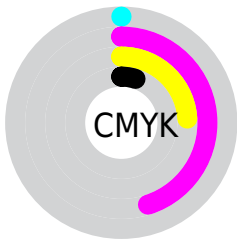
Distribution



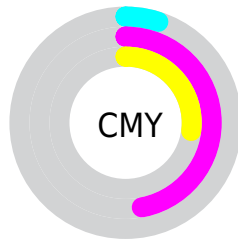
- Red (95%)
- Green (53%)
- Blue (73%)



- Red (95%)
- Yellow (53%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (24%)
- Black (5%)




- Cyan (5%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2442, 39.6077, 50.6850 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 54.2442, 39.6077, 50.6850 by changing the saturation by 10% instead.


 54.2442, 39.6077,
50.6850

 54.2442, 39.6077,
50.6850


393.2237,
344.4673, 406.1503


 39.0284, 27.2328,
35.5830


 95.5875, 74.5658,
92.5957

 26.9626, 17.7481,
23.8252


 122.4457, 97.9177,
120.2415

 17.6816, 10.7693,
14.9930

 153.9154,
125.6975, 152.9056

 10.8199, 5.9119,
8.6679

190.3619,
158.2895, 191.0066

 6.0123, 2.7916,
4.4314

232.1507,
196.0780, 234.9630

 2.8933, 1.0239,
1.8648

279.6470,

 1.0976, 0.0000,

239.4476, 285.1934

0.4702

333.2162,
288.7826, 342.1163

■ 0.0231, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2442, 39.6077,
50.6850

■ 54.2442, 39.6077,
50.6850

■ 49.9597, 33.1247,
42.8255

■ 59.4267, 47.6873,
59.4573

■ 46.5130, 28.1240,
35.8411

■ 65.5554, 57.4560,
69.1728

■ 43.8412, 24.4854,
29.6945

■ 72.6791, 69.0059,
79.8632

■ 41.8707, 22.0670,
24.3433

■ 80.8420, 82.4208,
91.5579

■ 40.5112, 20.6946,
19.7389

■ 89.9236, 97.4553,
104.2308

■ 39.9820, 20.2626,
17.6313

■ 90.7723, 97.7948,
108.6998

Harmonies

Analogous

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



50.2532, 39.6077, 76.3529



54.2442, 39.6077, 50.6850



53.3437, 39.6077, 29.9995

Triad

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



54.2442, 39.6077, 50.6850



32.7293, 39.6077, 14.2917



28.9432, 39.6077, 84.7729

Complementary

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



54.2442, 39.6077, 50.6850



51.3984, 72.9763, 61.2497

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.



25.3763, 39.6077, 59.6124



54.2442, 39.6077, 50.6850



27.3460, 39.6077, 21.2831

Square

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



54.2442, 39.6077, 50.6850



40.2002, 39.6077, 13.3401



24.8345, 39.6077, 36.3587



35.2022, 39.6077, 100.0248

Rectangle

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



54.2442, 39.6077, 50.6850



50.1308, 39.6077, 21.0684



24.8345, 39.6077, 36.3587



27.4278, 39.6077, 76.8589

Sweetspot

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



54.2453, 39.6096, 50.6858



82.6601, 79.5584, 91.3962



46.0190, 34.5115, 89.0303



17.2852, 16.3628, 18.9675



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.



54.2453, 39.6096, 50.6858



56.0514, 37.4186, 48.3753



50.0451, 38.3347, 27.3184



16.8218, 16.6116, 18.8082



22.0103, 11.1475, 10.0283



1.9859, 1.0003, 1.1522

Inverse Universe

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



54.2453, 39.6096, 50.6858



56.0514, 37.4186, 48.3753



57.5200, 74.5595, 96.1541



16.8218, 16.6116, 18.8082



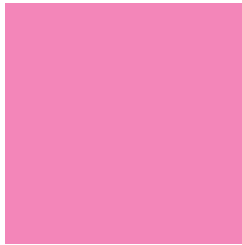
22.0103, 11.1475, 10.0283



1.9859, 1.0003, 1.1522

Previews

White Background



This preview shows how the XYZ color 54.2442, 39.6077, 50.6850 looks on a white background.

Color Contrast Check

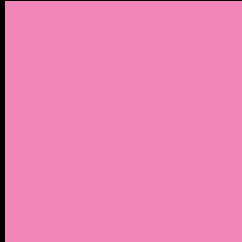
Large Text (above 18pt) WCAG AA × Fail

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 54.2442, 39.6077, 50.6850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

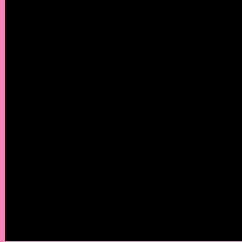
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2442, 39.6077, 50.6850

Background



This preview shows how black text looks on a background with the XYZ color 54.2442, 39.6077, 50.6850.



This preview shows how white text looks on a background with the XYZ color 54.2442, 39.6077,

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

54.2442, 39.6077, 50.6850

Protanopia

39.7623, 39.9838, 64.6534

Deuteranopia

40.5697, 39.6700, 48.6988



Tritanopia

50.8992, 39.5158, 34.2228

Trichromacy



Original Color

54.2442, 39.6077, 50.6850



Protanomaly

43.4325, 38.8476, 59.2420



Deuteranomaly

44.7366, 38.9972, 49.4253



Tritanomaly

51.9750, 39.5221, 39.5395

Monochromacy



Original Color

54.2442, 39.6077, 50.6850



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

43.4514, 39.6338, 46.9549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2442, 39.6077, 50.6850 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(243, 134, 185)` looks like.

```
.text, #text, p{  
    color:rgb(243, 134, 185)  
}
```

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(243, 134, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 134, 185) }
```

Border

The CSS property to change the border of an element to XYZ 54.2442, 39.6077, 50.6850 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(243, 134, 185) }
```


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

```
.border{ border-color:rgb(243, 134, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 134, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 134, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 134, 185);  
box-shadow:4px 4px 4px 4px rgb(243, 134,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2442, 39.6077, 50.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 134, 185) }
```

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

```
.background{ background-color: rgb(243,  
134, 185) }
```

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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