

Converting Colors

XYZ(54.6707, 40.1322, 50.1233)

Have a look what the booklet for
XYZ(54.6707, 40.1322, 50.1233)
contains.

XYZ(54.6239, 40.0217, 50.1934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.6239, 40.0217,
50.1934)**

Conversions

Conversions Part 1

Format	Color
Hex	F487B8
RGB	244, 135, 184
RGB Percent	96%, 53%, 72%
CMY	0.0431, 0.4706, 0.2784
CMYK	0.00, 0.45, 0.25, 0.04
HSL	333°, 83%, 74%
HSV	333°, 45%, 96%
XYZ	54.6239, 40.0217, 50.1934
YIQ	173.1770, 49.2350, 38.3470

Conversions

Conversions Part 2

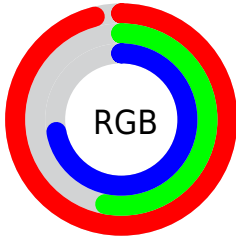
Format	Color
R_{YB}	244, 135, 184
Decimal	16025528
CIE _{Lab}	69.48, 47.23, -7.11
CIE _{LCh}	69, 47.767, 351.439
Yxy	40.0217, 0.3771, 0.2763
Android (android.graphics.Color)	4294215608 (0xFFFF487B8)
YUV	173.1770, 5.3357, 62.1118
Hunter-Lab	63.2627, 43.4153, -2.7575

Details

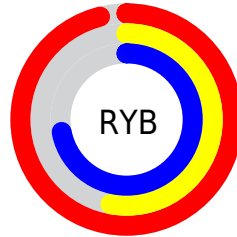
The XYZ color **54.6239, 40.0217, 50.1934** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.1945, 73.7934, 63.1259**, and the grayscale version is **39.7679, 41.8389, 45.5626**.

A 20% lighter version of the original color is **75.3816, 64.3782, 90.8913**, and **27.1216, 17.9876, 23.5152** is the 20% darker color. If you saturate the color by 10%, you get **50.2596, 33.4402, 42.1187**, and if you desaturate by 10%, it is **59.9042, 48.2206, 59.2339**.

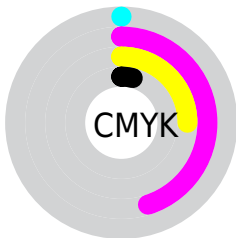
Distribution



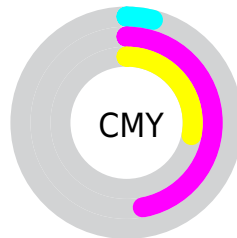
- Red (96%)
- Green (53%)
- Blue (72%)



- Red (96%)
- Yellow (53%)
- Blue (72%)



- Cyan (0%)
- Magenta (45%)
- Yellow (25%)
- Black (4%)





- Cyan (4%)
- Magenta (47%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6239, 40.0217, 50.1934 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 54.6239, 40.0217, 50.1934 by changing the saturation by 10% instead.

 54.6239, 40.0217,
50.1934

 54.6239, 40.0217,
50.1934


394.6443,
346.2150, 404.1785


 39.3333, 27.5555,
35.1948


 96.1412, 75.1966,
91.8606

 27.2010, 17.9908,
23.5282


 123.0987, 98.6740,
119.3663

 17.8616, 10.9434,
14.7751

 154.6759,
126.5906, 151.8782

 10.9498, 6.0288,
8.5168

191.2381,
159.3307, 189.8148

 6.1001, 2.8626,
4.3349

233.1506,
197.2789, 233.5945

 2.9473, 1.0604,
1.8108

280.7790,

 1.1259, 0.0000,

240.8194, 283.6360

0.4351

334.4884,
290.3366, 340.3578

■ 0.0467, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6239, 40.0217,
50.1934

■ 54.6239, 40.0217,
50.1934

■ 50.2596, 33.4402,
42.1187

■ 59.9042, 48.2206,
59.2339

■ 46.7502, 28.3608,
34.9699

■ 66.1496, 58.1302,
69.2728

■ 44.0320, 24.6620,
28.7071

■ 73.4094, 69.8436,
80.3441

■ 42.0303, 22.2008,
23.2854

■ 81.7287, 83.4456,
92.4788

■ 40.6539, 20.8018,
18.6533

■ 90.5062, 97.7283,
105.4924

■ 40.1055, 20.3520,
16.4758

■ 91.1184, 97.9732,
108.7160

Harmonies

Analogous

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



50.8196, 40.0217, 75.6822



54.6239, 40.0217, 50.1934



53.5382, 40.0217, 29.8529

Triad

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



54.6239, 40.0217, 50.1934



32.8844, 40.0217, 14.8403



29.5428, 40.0217, 85.8114

Complementary

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



54.6239, 40.0217, 50.1934



52.1945, 73.7934, 63.1259

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.



25.8639, 40.0217, 60.9695



54.6239, 40.0217, 50.1934



27.6045, 40.0217, 22.1425

Square

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



54.6239, 40.0217, 50.1934



40.2846, 40.0217, 13.6730



25.2056, 40.0217, 37.5689



35.8793, 40.0217, 100.3345

Rectangle

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



54.6239, 40.0217, 50.1934



50.2426, 40.0217, 21.1209



25.2056, 40.0217, 37.5689



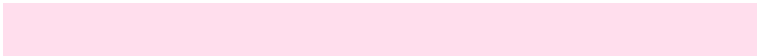
27.9919, 40.0217, 78.0614

Sweetspot

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



54.6251, 40.0236, 50.1942



82.5712, 79.5228, 90.9280



47.4876, 35.4573, 89.9293



17.2633, 16.3540, 18.8523



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.



54.6251, 40.0236, 50.1942



55.7931, 37.3153, 47.0150



51.1269, 39.8724, 27.9255



16.8088, 16.6064, 18.7396



21.8738, 11.0929, 9.3097



1.9735, 0.9954, 1.0869

Inverse Universe

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



54.6251, 40.0236, 50.1942



55.7931, 37.3153, 47.0150



57.0570, 73.1533, 96.7010



16.8088, 16.6064, 18.7396



21.8738, 11.0929, 9.3097



1.9735, 0.9954, 1.0869

Previews

White Background



This preview shows how the XYZ color 54.6239, 40.0217, 50.1934 looks on a white background.

Color Contrast Check

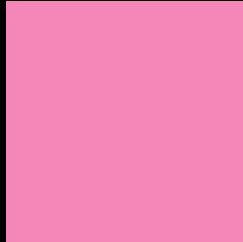
Large Text (above 18pt) WCAG AA × Fail

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 54.6239, 40.0217, 50.1934 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 54.6239, 40.0217, 50.1934

Background



This preview shows how black text looks on a background with the XYZ color 54.6239, 40.0217, 50.1934.



This preview shows how white text looks on a background with the XYZ color 54.6239, 40.0217,

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

54.6239, 40.0217, 50.1934

Protanopia

40.2288, 40.5135, 64.0921

Deuteranopia

41.1203, 40.2322, 48.2461



Tritanopia

51.4680, 40.0175, 34.7173

Trichromacy



Original Color

54.6239, 40.0217, 50.1934



Protanomaly

43.9882, 39.3976, 58.7122



Deuteranomaly

45.0729, 39.4265, 48.9505



Tritanomaly

52.5514, 40.0228, 40.0774

Monochromacy



Original Color

54.6239, 40.0217, 50.1934



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.8871, 40.1127, 47.0244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6239, 40.0217, 50.1934 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(244, 135, 184)` looks like.

```
.text, #text, p{  
    color:rgb(244, 135, 184)  
}
```

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(244, 135, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 135, 184) }
```

Border

The CSS property to change the border of an element to XYZ 54.6239, 40.0217, 50.1934 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(244, 135, 184) }
```


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

```
.border{ border-color:rgb(244, 135, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 135, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 135, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 135, 184);  
box-shadow:4px 4px 4px 4px rgb(244, 135,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6239, 40.0217, 50.1934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 135, 184) }
```

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

```
.background{ background-color: rgb(244,  
135, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor