

Converting Colors

XYZ(54.1085, 40.6715, 51.2109)

Have a look what the booklet for
XYZ(54.1085, 40.6715, 51.2109)
contains.

XYZ(54.0307, 40.5357, 51.4308)	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(54.0307, 40.5357,
51.4308)**

Conversions

Conversions Part 1

Format	Color
Hex	F08BBA
RGB	240, 139, 186
RGB Percent	94%, 55%, 73%
CMY	0.0588, 0.4549, 0.2706
CMYK	0.00, 0.42, 0.22, 0.06
HSL	332°, 77%, 74%
HSV	332°, 42%, 94%
XYZ	54.0307, 40.5357, 51.4308
YIQ	174.5570, 45.1090, 36.0290

Conversions

Conversions Part 2

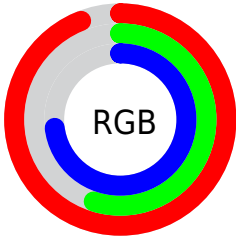
Format	Color
R _Y B	240, 139, 186
Decimal	15764410
CIE Lab	69.85, 44.15, -7.74
CIE LCh	70, 44.827, 350.055
Yxy	40.5357, 0.3701, 0.2776
Android (android.graphics.Color)	4293954490 (0xFFFF08BBA)
YUV	174.5570, 5.6414, 57.3935
Hunter-Lab	63.6677, 40.0632, -3.3272

Details

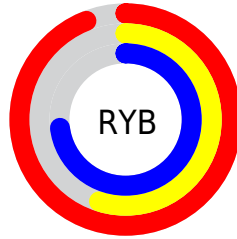
The XYZ color **54.0307, 40.5357, 51.4308** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.4350, 71.6604, 61.5765**, and the grayscale version is **40.4754, 42.5833, 46.3732**.

A 20% lighter version of the original color is **76.5588, 66.2544, 92.7577**, and **26.8528, 18.2941, 24.3061** is the 20% darker color. If you saturate the color by 10%, you get **49.6259, 33.8119, 43.5315**, and if you desaturate by 10%, it is **59.3231, 48.8378, 60.2313**.

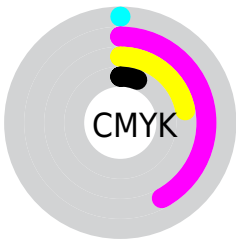
Distribution



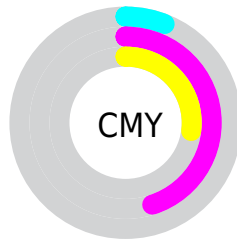
- Red (94%)
- Green (55%)
- Blue (73%)



- Red (94%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0307, 40.5357, 51.4308 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 54.0307, 40.5357, 51.4308 by changing the saturation by 10% instead.


 54.0307, 40.5357,
51.4308

 54.0307, 40.5357,
51.4308


392.4235,
348.3763, 409.1295


 38.8570, 27.9565,
36.1725

 95.2759, 75.9786,
93.7093

 26.8287, 18.2928,
24.2767


 122.0782, 99.6110,
121.5665

 17.5805, 11.1604,
15.3249


 153.4873,
127.6966, 154.4604

 10.7471, 6.1749,
8.8986

189.8686,
160.6198, 192.8095

 5.9631, 2.9517,
4.5792

231.5876,
198.7650, 237.0325

 2.8631, 1.1066,
1.9482

279.0095,

 1.0818, 0.0000,

242.5165, 287.5478

0.5231

332.4997,
292.2588, 344.7739

■ 0.0098, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0307, 40.5357,
51.4308

■ 54.0307, 40.5357,
51.4308

■ 49.6259, 33.8119,
43.5315

■ 59.3231, 48.8378,
60.2313

■ 46.0516, 28.5584,
36.4972

■ 65.5485, 58.8053,
69.9622

■ 43.2489, 24.6628,
30.2924

■ 72.7534, 70.5260,
80.6539

■ 41.1495, 21.9936,
24.8769

■ 80.9799, 84.0795,
92.3349

■ 39.6712, 20.3924,
20.2053

■ 88.9761, 96.9577,
104.6014

■ 38.8420, 19.6880,
16.9880

■ 89.7453, 97.2653,
108.6517

Harmonies

Analogous

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



50.2906, 40.5357, 75.2145



54.0307, 40.5357, 51.4308



53.2346, 40.5357, 31.7639

Triad

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



54.0307, 40.5357, 51.4308



33.9231, 40.5357, 16.1675



30.2190, 40.5357, 82.5708

Complementary

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



54.0307, 40.5357, 51.4308



51.4350, 71.6604, 61.5765

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.



26.8149, 40.5357, 59.3653



54.0307, 40.5357, 51.4308



28.7593, 40.5357, 23.0715

Square

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



54.0307, 40.5357, 51.4308



40.9972, 40.5357, 15.2491



26.3165, 40.5357, 37.5667



36.1599, 40.5357, 96.5888

Rectangle

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



54.0307, 40.5357, 51.4308



50.2701, 40.5357, 23.0335



26.3165, 40.5357, 37.5667



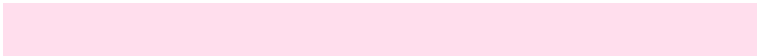
28.7734, 40.5357, 75.2982

Sweetspot

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



54.0319, 40.5376, 51.4316



82.6478, 79.5534, 91.3312



46.9209, 36.0788, 86.9293



17.2822, 16.3616, 18.9515



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.



54.0319, 40.5376, 51.4316



57.8454, 40.1487, 51.6180



50.3246, 39.8468, 29.4674



16.0789, 15.8813, 17.9715



21.3284, 10.8038, 9.6459



1.8241, 0.9187, 1.0646

Inverse Universe

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



54.0319, 40.5376, 51.4316



57.8454, 40.1487, 51.6180



56.5551, 72.1374, 93.3815



16.0789, 15.8813, 17.9715



21.3284, 10.8038, 9.6459



1.8241, 0.9187, 1.0646

Previews

White Background



This preview shows how the XYZ color 54.0307, 40.5357, 51.4308 looks on a white background.

Color Contrast Check

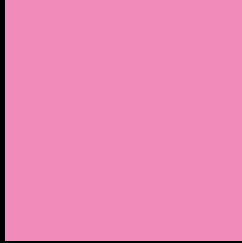
Large Text (above 18pt) WCAG AA × Fail

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 54.0307, 40.5357, 51.4308 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 54.0307, 40.5357, 51.4308

Background



This preview shows how black text looks on a background with the XYZ color 54.0307, 40.5357, 51.4308.



This preview shows how white text looks on a background with the XYZ color 54.0307, 40.5357,

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

54.0307, 40.5357, 51.4308

Protanopia

40.6196, 40.9922, 64.1639

Deuteranopia

41.5051, 40.6759, 49.3797



Tritanopia

50.9668, 40.6219, 36.1649

Trichromacy



Original Color

54.0307, 40.5357, 51.4308



Protanomaly

44.1928, 39.9962, 59.4236



Deuteranomaly

45.3375, 40.0332, 50.1374



Tritanomaly

51.9653, 40.5752, 41.1693

Monochromacy



Original Color

54.0307, 40.5357, 51.4308



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.6102, 41.2374, 48.2562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0307, 40.5357, 51.4308 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(240, 139, 186)` looks like.

```
.text, #text, p{  
    color:rgb(240, 139, 186)  
}
```

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(240, 139, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 139, 186) }
```

Border

The CSS property to change the border of an element to XYZ 54.0307, 40.5357, 51.4308 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(240, 139, 186) }
```


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

```
.border{ border-color:rgb(240, 139, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 139, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 139, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 139, 186);  
box-shadow:4px 4px 4px 4px rgb(240, 139,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0307, 40.5357, 51.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 139, 186) }
```

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

```
.background{ background-color: rgb(240,  
139, 186) }
```

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