

Converting Colors

XYZ(54.2368, 39.9922, 38.1936)

Have a look what the booklet for
XYZ(54.2368, 39.9922, 38.1936)
contains.

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Color

**XYZ(54.4335, 40.1900,
38.1462)**

Conversions

Conversions Part 1

Format	Color
Hex	FA87A0
RGB	250, 135, 160
RGB Percent	98%, 53%, 63%
CMY	0.0196, 0.4706, 0.3725
CMYK	0.00, 0.46, 0.36, 0.02
HSL	347°, 92%, 75%
HSV	347°, 46%, 98%
XYZ	54.4335, 40.1900, 38.1462
YIQ	172.2350, 60.5150, 32.1550

Conversions

Conversions Part 2

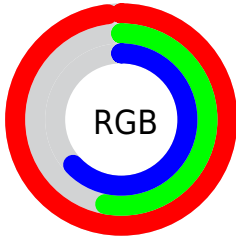
Format	Color
R_{YB}	250, 135, 160
Decimal	16418720
CIE Lab	69.60, 46.24, 6.60
CIE LCh	70, 46.704, 8.127
Yxy	40.1900, 0.4100, 0.3027
Android (android.graphics.Color)	4294608800 (0xFFFA87A0)
YUV	172.2350, -6.0319, 68.1999
Hunter-Lab	63.3956, 42.3236, 8.7011

Details

The XYZ color **54.4335, 40.1900, 38.1462** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.7699, 78.9593, 83.4345**, and the grayscale version is **39.3409, 41.3897, 45.0734**.

A 20% lighter version of the original color is **71.9192, 62.9932, 72.6583**, and **27.0128, 18.0859, 16.5352** is the 20% darker color. If you saturate the color by 10%, you get **49.7668, 33.3837, 28.8000**, and if you desaturate by 10%, it is **60.1906, 48.7457, 49.1857**.

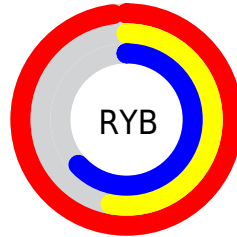
Distribution



Red (98%)

Green (53%)

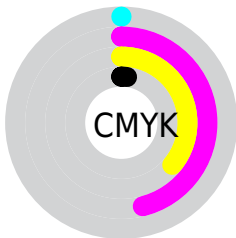
Blue (63%)



Red (98%)

Yellow (53%)

Blue (63%)

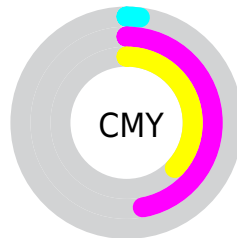


Cyan (0%)

Magenta (46%)

Yellow (36%)

Black (2%)



Cyan (2%)


Magenta (47%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4335, 40.1900, 38.1462 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 54.4335, 40.1900, 38.1462 by changing the saturation by 10% instead.


 54.4335, 40.1900,
38.1462


 54.4335, 40.1900,
38.1462


393.9324,
346.9237, 353.5637


 39.1804, 27.6867,
25.7935


 95.8636, 75.4528,
73.5381

 27.0814, 18.0896,
16.4448


 122.7713, 98.9810,
97.4143

 17.7713, 11.0144,
9.6817


 154.2946,
126.9530, 125.9688

 10.8846, 6.0765,
5.0856

190.7989,
159.7533, 159.6200

 6.0560, 2.8917,
2.2380

232.6494,
197.7660, 198.7866

 2.9202, 1.0754,
0.6961

280.2116,

 1.1117, 0.0000,

241.3758, 243.8870

0.0000

333.8508,
290.9669, 295.3399

■ 0.0349, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4335, 40.1900,
38.1462

■ 54.4335, 40.1900,
38.1462

■ 49.7668, 33.3837,
28.8000

■ 60.1906, 48.7457,
49.1857

■ 46.1166, 28.1994,
21.0593

■ 67.0991, 59.1546,
61.9955

■ 43.4044, 24.5020,
14.8314

■ 75.2194, 71.5193,
76.6508

■ 41.5386, 22.1317,
10.0126

■ 84.6064, 85.9334,
93.2214

■ 40.4072, 20.8909,
6.4846

■ 93.2344, 99.0640,
108.8150

■ 40.0982, 20.5935,
5.3933

Harmonies

Analogous

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



53.3036, 40.1900, 61.1329



54.4335, 40.1900, 38.1462



50.7838, 40.1900, 22.7963

Triad

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



54.4335, 40.1900, 38.1462



29.9254, 40.1900, 18.5408



33.0462, 40.1900, 94.7408

Complementary

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



54.4335, 40.1900, 38.1462



57.7699, 78.9593, 83.4345

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.



27.8873, 40.1900, 74.7457



54.4335, 40.1900, 38.1462



26.2576, 40.1900, 30.0363

Square

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



54.4335, 40.1900, 38.1462



36.1853, 40.1900, 14.1727



25.5639, 40.1900, 49.8994



40.2869, 40.1900, 99.1130

Rectangle

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



54.4335, 40.1900, 38.1462



46.3821, 40.1900, 17.1127



25.5639, 40.1900, 49.8994



31.0405, 40.1900, 89.3679

Sweetspot

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



54.4346, 40.1920, 38.1470



80.5232, 77.6291, 83.4559



56.4036, 39.9468, 95.1803



16.8068, 15.9601, 17.1001



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.



54.4346, 40.1920, 38.1470



52.4711, 35.5161, 30.9723



57.3747, 49.2268, 29.4020



17.3990, 17.2870, 18.6909



21.3124, 10.9407, 3.0876



2.0114, 1.0283, 0.4835

Inverse Universe

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



54.4346, 40.1920, 38.1470



52.4711, 35.5161, 30.9723



52.6672, 62.8918, 99.8060



17.3990, 17.2870, 18.6909



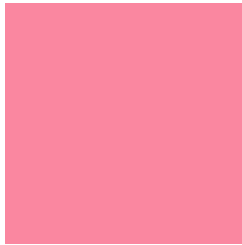
21.3124, 10.9407, 3.0876



2.0114, 1.0283, 0.4835

Previews

White Background



This preview shows how the XYZ color 54.4335, 40.1900, 38.1462 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 54.4335, 40.1900, 38.1462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

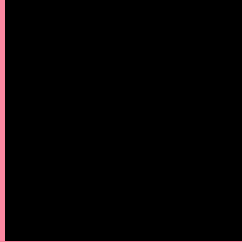
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4335, 40.1900, 38.1462

Background



This preview shows how black text looks on a background with the XYZ color 54.4335, 40.1900, 38.1462.



This preview shows how white text looks on a background with the XYZ color 54.4335, 40.1900,

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

54.4335, 40.1900, 38.1462

Protanopia

39.2208, 40.3291, 48.8972

Deuteranopia

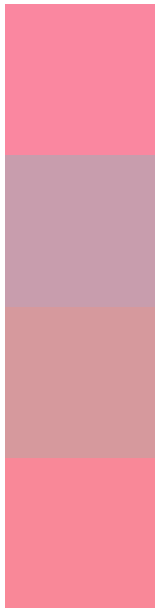
41.1842, 40.2549, 36.6097



Tritanopia

53.2790, 40.1376, 32.5430

Trichromacy



Original Color

54.4335, 40.1900, 38.1462

Protanomaly

43.4192, 39.4104, 44.8537

Deuteranomaly

45.2086, 39.5129, 37.1423

Tritanomaly

53.5386, 40.0151, 34.6076

Monochromacy



Original Color

54.4335, 40.1900, 38.1462

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

43.2854, 39.9028, 42.4664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4335, 40.1900, 38.1462 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(250, 135, 160)` looks like.

```
.text, #text, p{  
    color:rgb(250, 135, 160)  
}
```

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(250, 135, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 135, 160) }
```

Border

The CSS property to change the border of an element to XYZ 54.4335, 40.1900, 38.1462 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(250, 135, 160) }
```


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

```
.border{ border-color:rgb(250, 135, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 135, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 135, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 135, 160);  
box-shadow:4px 4px 4px 4px rgb(250, 135,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4335, 40.1900, 38.1462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 135, 160) }
```

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

```
.background{ background-color: rgb(250,  
135, 160) }
```

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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