

Converting Colors

XYZ(73.3394, 48.8368, 35.7594)

Have a look what the booklet for
XYZ(73.3394, 48.8368, 35.7594)
contains.

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Color

**XYZ(54.8400, 39.2604,
34.8246)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8199
RGB	255, 129, 153
RGB Percent	100%, 51%, 60%
CMY	0.0000, 0.4941, 0.4000
CMYK	0.00, 0.49, 0.40, 0.00
HSL	349°, 100%, 75%
HSV	349°, 49%, 100%
XYZ	54.8400, 39.2604, 34.8246
YIQ	169.4100, 67.3920, 34.1760

Conversions

Conversions Part 2

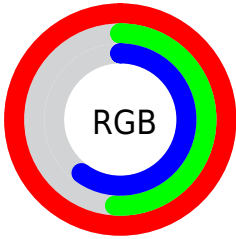
Format	Color
R_{YB}	255, 129, 153
Decimal	16744857
CIE _{Lab}	68.94, 50.13, 9.67
CIE _{LCh}	69, 51.058, 10.920
Yxy	39.2604, 0.4254, 0.3045
Android (android.graphics.Color)	4294934937 (0xFFFF8199)
YUV	169.4100, -8.0901, 75.0624
Hunter-Lab	62.6581, 46.5761, 10.9080

Details

The XYZ color **54.8400, 39.2604, 34.8246** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.2391, 81.9575, 88.3033**, and the grayscale version is **37.9318, 39.9072, 43.4589**.

A 20% lighter version of the original color is **69.8514, 60.4629, 67.0204**, and **27.4200, 17.5936, 14.5211** is the 20% darker color. If you saturate the color by 10%, you get **50.3302, 32.7375, 25.6244**, and if you desaturate by 10%, it is **60.4849, 47.5812, 45.8593**.

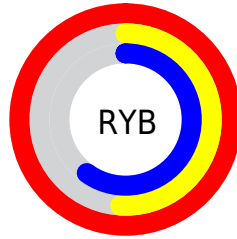
Distribution



Red (100%)

Green (51%)

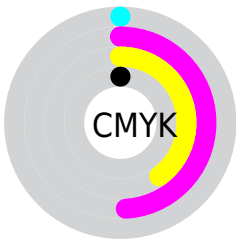
Blue (60%)



Red (100%)

Yellow (51%)

Blue (60%)

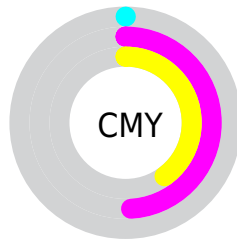


Cyan (0%)

Magenta (49%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8400, 39.2604, 34.8246 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 54.8400, 39.2604, 34.8246 by changing the saturation by 10% instead.


 54.8400, 39.2604,
34.8246


 54.8400, 39.2604,
34.8246


395.4514,
342.9963, 338.6742


 39.5070, 26.9624,
23.2453


 96.4562, 74.0360,
68.3624

 27.3368, 17.5450,
14.5678


 123.4700, 97.2823,
91.1581

 17.9643, 10.6238,
8.3734


 155.1082,
124.9468, 118.5296

 11.0239, 5.8145,
4.2436

191.7361,
157.4139, 150.8955

 6.1503, 2.7326,
1.7599

233.7190,
195.0680, 188.6744

 2.9782, 0.9938,
0.4013

281.4223,

 1.1423, 0.0000,

238.2935, 232.2848

0.0000

335.2113,
287.4748, 282.1452

■ 0.0600, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8400, 39.2604,
34.8246

■ 54.8400, 39.2604,
34.8246

■ 50.3302, 32.7375,
25.6244

■ 60.4849, 47.5812,
45.8593

■ 46.8735, 27.8733,
18.1552

■ 67.3328, 57.8136,
58.8194

■ 44.3820, 24.5180,
12.3064

■ 75.4499, 70.0687,
73.7925

■ 42.7510, 22.4918,
7.9531

■ 84.8968, 84.4475,
90.8601

■ 41.8273, 21.5211, 95.0499, 100.0000,
4.9424 108.9000

■ 41.7851, 21.4780,
4.8007

Harmonies

Analogous

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



54.1002, 39.2604, 59.0921



54.8400, 39.2604, 34.8246



50.3993, 39.2604, 19.6403

Triad

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



54.8400, 39.2604, 34.8246



27.9955, 39.2604, 17.0818



32.4417, 39.2604, 100.4553

Complementary

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



54.8400, 39.2604, 34.8246



59.2391, 81.9575, 88.3033

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.



26.7186, 39.2604, 79.2317



54.8400, 39.2604, 34.8246



24.4206, 39.2604, 29.7349

Square

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



54.8400, 39.2604, 34.8246



34.4356, 39.2604, 12.1600



23.9898, 39.2604, 51.7901



40.3523, 39.2604, 103.3938

Rectangle

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



54.8400, 39.2604, 34.8246



45.4295, 39.2604, 14.3693



23.9898, 39.2604, 51.7901



30.2307, 39.2604, 94.9389

Sweetspot

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



54.8410, 39.2624, 34.8253



79.4476, 76.1406, 81.0545



58.4707, 39.7126, 99.1912



16.5890, 15.6646, 16.5948



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.



54.8410, 39.2624, 34.8253



50.4934, 32.9707, 25.9658



58.9860, 50.4113, 27.3930



18.1507, 18.0436, 19.4107



21.8737, 11.2388, 2.7194



2.1654, 1.1085, 0.4522

Inverse Universe

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



54.8410, 39.2624, 34.8253



50.4934, 32.9707, 25.9658



51.9694, 61.6177, 103.7619



18.1507, 18.0436, 19.4107



21.8737, 11.2388, 2.7194



2.1654, 1.1085, 0.4522

Previews

White Background



This preview shows how the XYZ color 54.8400, 39.2604, 34.8246 looks on a white background.

Color Contrast Check

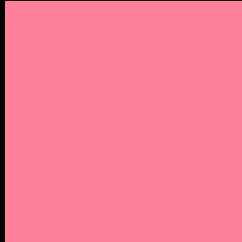
Large Text (above 18pt) WCAG AA × Fail

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 54.8400, 39.2604, 34.8246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

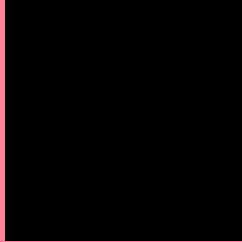
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8400, 39.2604, 34.8246

Background



This preview shows how black text looks on a background with the XYZ color 54.8400, 39.2604, 34.8246.



This preview shows how white text looks on a background with the XYZ color 54.8400, 39.2604,

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

54.8400, 39.2604, 34.8246

Protanopia

38.2202, 39.6073, 45.6750

Deuteranopia

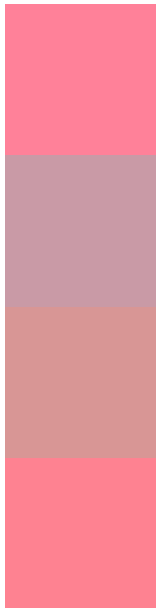
40.1791, 39.2847, 33.0688



Tritanopia

53.7971, 39.2265, 29.9354

Trichromacy



Original Color

54.8400, 39.2604, 34.8246

Protanomaly

42.5259, 38.2819, 41.2242

Deuteranomaly

44.6501, 38.5815, 33.5274

Tritanomaly

53.9665, 39.0804, 31.4870

Monochromacy



Original Color

54.8400, 39.2604, 34.8246

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.9859, 38.0349, 39.7789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8400, 39.2604, 34.8246 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(255, 129, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 153)  
}
```

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(255, 129, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 153) }
```

Border

The CSS property to change the border of an element to XYZ 54.8400, 39.2604, 34.8246 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(255, 129, 153) }
```


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

```
.border{ border-color:rgb(255, 129, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8400, 39.2604, 34.8246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 153) }
```

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

```
.background{ background-color: rgb(255,  
129, 153) }
```

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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