

Converting Colors

XYZ(54.0928, 39.6108, 33.4414)

Have a look what the booklet for
XYZ(54.0928, 39.6108, 33.4414)
contains.

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Color

**XYZ(54.0374, 39.6725,
33.6636)**

Conversions

Conversions Part 1

Format	Color
Hex	FC8596
RGB	252, 133, 150
RGB Percent	99%, 52%, 59%
CMY	0.0118, 0.4784, 0.4118
CMYK	0.00, 0.47, 0.40, 0.01
HSL	351°, 95%, 75%
HSV	351°, 47%, 99%
XYZ	54.0374, 39.6725, 33.6636
YIQ	170.5190, 65.4670, 30.5150

Conversions

Conversions Part 2

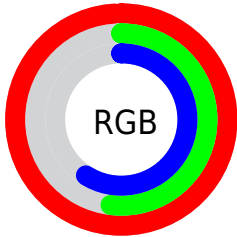
Format	Color
R_{YB}	252, 133, 150
Decimal	16549270
CIE _{Lab}	69.24, 46.82, 11.72
CIE _{LCh}	69, 48.261, 14.055
Yxy	39.6725, 0.4242, 0.3115
Android (android.graphics.Color)	4294739350 (0xFFFC8596)
YUV	170.5190, -10.1159, 71.4588
Hunter-Lab	62.9861, 42.9140, 12.4021

Details

The XYZ color **54.0374, 39.6725, 33.6636** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.4807, 80.6064, 91.0257**, and the grayscale version is **38.4948, 40.4996, 44.1040**.

A 20% lighter version of the original color is **70.1223, 61.5861, 65.3182**, and **26.8590, 17.8446, 13.8331** is the 20% darker color. If you saturate the color by 10%, you get **49.4097, 32.9490, 24.3159**, and if you desaturate by 10%, it is **59.8153, 48.1832, 44.9773**.

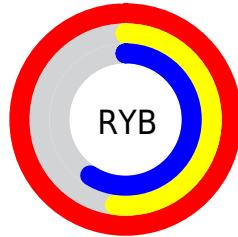
Distribution



Red (99%)

Green (52%)

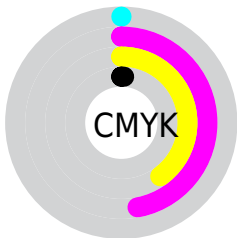
Blue (59%)



Red (99%)

Yellow (52%)

Blue (59%)

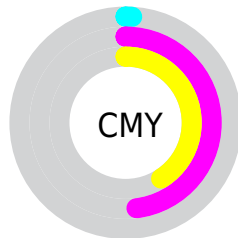


Cyan (0%)

Magenta (47%)

Yellow (40%)

Black (1%)



Cyan (1%)


Magenta (48%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0374, 39.6725, 33.6636 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 54.0374, 39.6725, 33.6636 by changing the saturation by 10% instead.


 54.0374, 39.6725,
33.6636


 54.0374, 39.6725,
33.6636


392.4486,
344.7413, 333.3527


 38.8624, 27.2833,
22.3600

 95.2857, 74.6646,
66.5381

 26.8329, 17.7861,
13.9208


 122.0897, 98.0362,
88.9461

 17.5837, 10.7965,
7.9275


 153.5007,
125.8374, 115.8927

 10.7494, 5.9302,
3.9615

189.8841,
158.4526, 147.7963

 5.9646, 2.8027,
1.6042

231.6053,
196.2662, 185.0756

 2.8640, 1.0296,
0.2938

279.0295,

 1.0823, 0.0000,

239.6626, 228.1491

0.0000

332.5222,
289.0262, 277.4353

■ 0.0102, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0374, 39.6725,
33.6636

■ 54.0374, 39.6725,
33.6636

■ 49.4097, 32.9490,
24.3159

■ 59.8153, 48.1832,
44.9773

■ 45.8514, 27.8793,
16.8190

■ 66.8108, 58.5900,
58.3587

■ 43.2757, 24.3211,
11.0491

■ 75.0896, 71.0001,
73.9049

■ 41.5809, 22.1052,
6.8657

■ 84.7121, 85.5111,
91.7065

■ 40.6387, 21.0147,
4.1044

93.9548, 99.4354,
108.8487

■ 40.4631, 20.8227,
3.5547

Harmonies

Analogous

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



53.8763, 39.6725, 55.9740



54.0374, 39.6725, 33.6636



49.4268, 39.6725, 19.8474

Triad

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



54.0374, 39.6725, 33.6636



28.2898, 39.6725, 19.2623



33.7709, 39.6725, 98.3981

Complementary

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



54.0374, 39.6725, 33.6636



59.4807, 80.6064, 91.0257

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.



28.0046, 39.6725, 80.0610



54.0374, 39.6725, 33.6636



25.1481, 39.6725, 32.5286

Square

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



54.0374, 39.6725, 33.6636



34.2126, 39.6725, 13.6683



25.0514, 39.6725, 54.3782



41.4327, 39.6725, 99.0283

Rectangle

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



54.0374, 39.6725, 33.6636



44.5896, 39.6725, 15.1166



25.0514, 39.6725, 54.3782



31.5727, 39.6725, 93.8782

Sweetspot

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



54.0384, 39.6745, 33.6643



80.1585, 77.4832, 81.5355



59.9405, 41.3233, 96.9123



16.7191, 15.9250, 16.6382



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.



54.0384, 39.6745, 33.6643



50.8349, 33.9592, 25.1383



59.6418, 52.9148, 29.2631



17.3456, 17.2656, 18.4095



21.1092, 10.8594, 2.0173



1.9847, 1.0176, 0.3428

Inverse Universe

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



54.0384, 39.6745, 33.6643



50.8349, 33.9592, 25.1383



50.3784, 58.2828, 100.6898



17.3456, 17.2656, 18.4095



21.1092, 10.8594, 2.0173



1.9847, 1.0176, 0.3428

Previews

White Background



This preview shows how the XYZ color 54.0374, 39.6725, 33.6636 looks on a white background.

Color Contrast Check

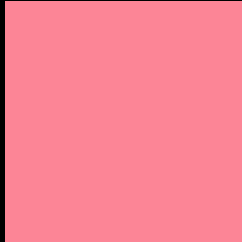
Large Text (above 18pt) WCAG AA × Fail

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 54.0374, 39.6725, 33.6636 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 54.0374, 39.6725, 33.6636

Background



This preview shows how black text looks on a background with the XYZ color 54.0374, 39.6725, 33.6636.



This preview shows how white text looks on a background with the XYZ color 54.0374, 39.6725,

33.6636.

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

54.0374, 39.6725, 33.6636

Protanopia

38.3627, 40.0112, 43.2371

Deuteranopia

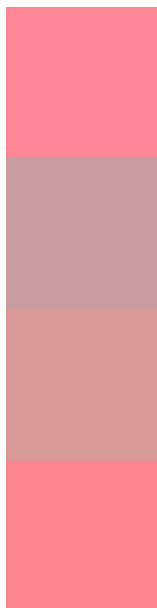
40.7137, 39.8408, 32.3323



Tritanopia

53.3428, 39.5730, 31.2124

Trichromacy



Original Color

54.0374, 39.6725, 33.6636

Protanomaly

42.4974, 38.8031, 39.4323

Deuteranomaly

44.8136, 39.1620, 32.8008

Tritanomaly

53.4971, 39.6347, 32.0248

Monochromacy



Original Color

54.0374, 39.6725, 33.6636

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.4872, 39.0376, 39.9460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0374, 39.6725, 33.6636 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(252, 133, 150)` looks like.

```
.text, #text, p{  
    color:rgb(252, 133, 150)  
}
```

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(252, 133, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 133, 150) }
```

Border

The CSS property to change the border of an element to XYZ 54.0374, 39.6725, 33.6636 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(252, 133, 150) }
```


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

```
.border{ border-color:rgb(252, 133, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 133, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 133, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 133, 150);  
box-shadow:4px 4px 4px 4px rgb(252, 133,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0374, 39.6725, 33.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 133, 150) }
```

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

```
.background{ background-color: rgb(252,  
133, 150) }
```

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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