

Converting Colors

XYZ(54.0939, 37.1191, 36.5768)

Have a look what the booklet for
XYZ(54.0939, 37.1191, 36.5768)
contains.

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Color

**XYZ(54.1280, 37.1616,
36.6678)**

Conversions

Conversions Part 1

Format	Color
Hex	FF789E
RGB	255, 120, 158
RGB Percent	100%, 47%, 62%
CMY	0.0000, 0.5294, 0.3804
CMYK	0.00, 0.53, 0.38, 0.00
HSL	343°, 100%, 74%
HSV	343°, 53%, 100%
XYZ	54.1280, 37.1616, 36.6678
YIQ	164.6970, 68.2620, 40.4380

Conversions

Conversions Part 2

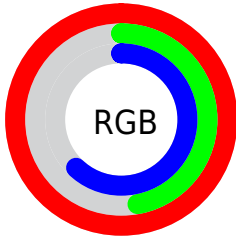
Format	Color
RYB	255, 120, 158
Decimal	16742558
CIELab	67.40, 54.97, 4.64
CIElCh	67, 55.164, 4.829
Yxy	37.1616, 0.4230, 0.2904
Android (android.graphics.Color)	4294932638 (0xFFFF789E)
YUV	164.6970, -3.3016, 79.1957
Hunter-Lab	60.9603, 51.8135, 7.0091

Details

The XYZ color **54.1280, 37.1616, 36.6678** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.0321, 80.5237, 78.2399**, and the grayscale version is **35.6128, 37.4674, 40.8020**.

A 20% lighter version of the original color is **68.6490, 57.0641, 69.6836**, and **27.0498, 16.4442, 15.6583** is the 20% darker color. If you saturate the color by 10%, you get **49.9979, 31.2400, 28.0813**, and if you desaturate by 10%, it is **59.3117, 44.8138, 46.7664**.

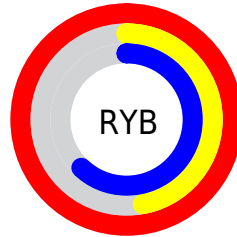
Distribution



Red (100%)

Green (47%)

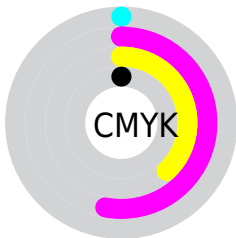
Blue (62%)



Red (100%)

Yellow (47%)

Blue (62%)

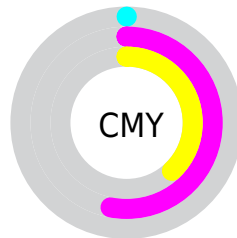


Cyan (0%)

Magenta (53%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1280, 37.1616, 36.6678 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 54.1280, 37.1616, 36.6678 by changing the saturation by 10% instead.

 54.1280, 37.1616,
36.6678

 54.1280, 37.1616,
36.6678

392.7883,
334.0096, 346.9953


 38.9351, 25.3326,
24.6566


 95.4180, 70.8213,
71.2422

 26.8897, 16.3251,
15.6047

 122.2457, 93.4207,
94.6424

 17.6266, 9.7545,
9.0936


 153.6824,
120.3792, 122.6762

 10.7803, 5.2365,
4.7046

190.0935,
152.0810, 155.7619

 5.9855, 2.3867,
2.0193

231.8443,
188.9105, 194.3181

 2.8768, 0.8190,
0.5671

279.3001,

 1.0890, 0.0000,

231.2522, 238.7634

0.0000

332.8263,
279.4905, 289.5163

■ 0.0159, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1280, 37.1616,
36.6678

■ 54.1280, 37.1616,
36.6678

■ 49.9979, 31.2400,
28.0813

■ 59.3117, 44.8138,
46.7664

■ 46.8415, 26.9064,
20.9280

■ 65.6148, 54.3130,
58.4460

■ 44.5722, 24.0048,
15.1244

■ 73.1011, 65.7720,
71.7734

■ 43.0845, 22.3441,
10.5757

■ 81.8286, 79.2929,
86.8110

■ 42.4021, 21.7248,
8.0498

■ 91.8515, 94.9708,
103.6177

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



52.1762, 37.1616, 63.6778



54.1280, 37.1616, 36.6678



50.4209, 37.1616, 19.2676

Triad

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



54.1280, 37.1616, 36.6678



26.8242, 37.1616, 13.0101



28.8464, 37.1616, 98.9379

Complementary

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



54.1280, 37.1616, 36.6678



56.0321, 80.5237, 78.2399

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.



23.5839, 37.1616, 73.3130



54.1280, 37.1616, 36.6678



22.5536, 37.1616, 23.7116

Square

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



54.1280, 37.1616, 36.6678



33.9698, 37.1616, 9.5373



21.4693, 37.1616, 44.5107



36.7075, 37.1616, 106.8671

Rectangle

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



54.1280, 37.1616, 36.6678



45.5399, 37.1616, 13.0852



21.4693, 37.1616, 44.5107



26.7580, 37.1616, 91.7163

Sweetspot

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



54.1290, 37.1635, 36.6685



79.0212, 74.9280, 82.0213



53.3091, 35.3687, 98.6247



16.5242, 15.4336, 16.8865



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.



54.1290, 37.1635, 36.6685



49.6179, 30.7069, 27.2549



55.4186, 44.1923, 23.3810



18.2195, 18.0711, 19.7730



22.2106, 11.3735, 4.4934



2.2068, 1.1251, 0.6706

Inverse Universe

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



54.1290, 37.1635, 36.6685



49.6179, 30.7069, 27.2549



52.9257, 65.4714, 104.4553



18.2195, 18.0711, 19.7730



22.2106, 11.3735, 4.4934



2.2068, 1.1251, 0.6706

Previews

White Background



This preview shows how the XYZ color 54.1280, 37.1616, 36.6678 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 54.1280, 37.1616, 36.6678 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 54.1280, 37.1616, 36.6678

Background



This preview shows how black text looks on a background with the XYZ color 54.1280, 37.1616, 36.6678.



This preview shows how white text looks on a background with the XYZ color 54.1280, 37.1616,

36.6678.

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

54.1280, 37.1616, 36.6678

Protanopia

36.5447, 37.2947, 50.0722

Deuteranopia

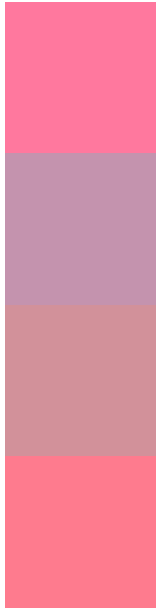
38.0732, 37.3776, 34.9137



Tritanopia

52.0753, 37.2433, 26.6343

Trichromacy



Original Color

54.1280, 37.1616, 36.6678

Protanomaly

40.8387, 35.6592, 44.7749

Deuteranomaly

42.5365, 36.2855, 35.3337

Tritanomaly

52.8385, 37.1897, 29.9846

Monochromacy



Original Color

54.1280, 37.1616, 36.6678

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

40.5577, 36.1093, 39.0146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1280, 37.1616, 36.6678 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, 120, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 158)  
}
```

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, 120, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 158) }
```

Border

The CSS property to change the border of an element to XYZ 54.1280, 37.1616, 36.6678 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, 120, 158) }
```


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

```
.border{ border-color:rgb(255, 120, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1280, 37.1616, 36.6678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 158) }
```

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

```
.background{ background-color: rgb(255,  
120, 158) }
```

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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