

Converting Colors

XYZ(54.3867, 36.9063, 39.1358)

Have a look what the booklet for
XYZ(54.3867, 36.9063, 39.1358)
contains.

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Color

**XYZ(54.3293, 36.8612,
38.9018)**

Conversions

Conversions Part 1

Format	Color
Hex	FF76A3
RGB	255, 118, 163
RGB Percent	100%, 46%, 64%
CMY	0.0000, 0.5372, 0.3608
CMYK	0.00, 0.54, 0.36, 0.00
HSL	340°, 100%, 73%
HSV	340°, 54%, 100%
XYZ	54.3293, 36.8612, 38.9018
YIQ	164.0930, 67.2070, 43.0390

Conversions

Conversions Part 2

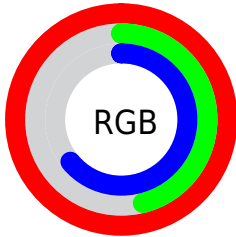
Format	Color
R _Y B	255, 118, 163
Decimal	16742051
CIE Lab	67.17, 56.45, 1.48
CIE LCh	67, 56.472, 1.507
Yxy	36.8612, 0.4176, 0.2833
Android (android.graphics.Color)	4294932131 (0xFFFF76A3)
YUV	164.0930, -0.5388, 79.7254
Hunter-Lab	60.7134, 53.4819, 4.5096

Details

The XYZ color **54.3293, 36.8612, 38.9018** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.8660, 80.0256, 73.5321**, and the grayscale version is **35.3122, 37.1512, 40.4576**.

A 20% lighter version of the original color is **69.0309, 56.5941, 73.6151**, and **27.0975, 16.1950, 16.7367** is the 20% darker color. If you saturate the color by 10%, you get **50.2899, 31.0740, 30.4909**, and if you desaturate by 10%, it is **59.3899, 44.3582, 48.6790**.

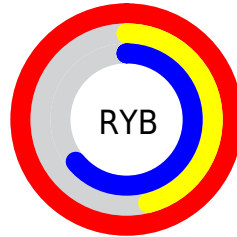
Distribution



Red (100%)

Green (46%)

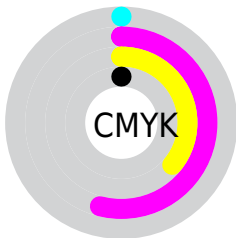
Blue (64%)



Red (100%)

Yellow (46%)

Blue (64%)

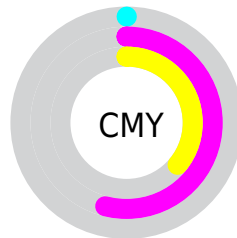


Cyan (0%)

Magenta (54%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3293, 36.8612, 38.9018 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 54.3293, 36.8612, 38.9018 by changing the saturation by 10% instead.


 54.3293, 36.8612,
38.9018


 54.3293, 36.8612,
38.9018


393.5424,
332.7092, 356.8863


 39.0967, 25.1000,
26.3761


 95.7116, 70.3593,
74.7070

 27.0160, 16.1516,
16.8769


 122.5921, 92.8649,
98.8235

 17.7219, 9.6315,
9.9858


 154.0859,
119.7209, 127.6408

 10.8490, 5.1553,
5.2840

190.5584,
151.3116, 161.5772

 6.0319, 2.3387,
2.3532

232.3749,
188.0214, 201.0515

 2.9054, 0.7941,
0.7608

279.9009,

 1.1039, 0.0000,

230.2347, 246.4821

0.0000

333.5016,
278.3358, 298.2875

■ 0.0284, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3293, 36.8612,
38.9018

■ 54.3293, 36.8612,
38.9018

■ 50.2899, 31.0740,
30.4909

■ 59.3899, 44.3582,
48.6790

■ 47.1935, 26.8536,
23.3781

■ 65.5362, 53.6816,
59.8815

■ 44.9545, 24.0428,
17.4916

■ 72.8306, 64.9443,
72.5670

■ 43.4684, 22.4480,
12.7498

■ 81.3299, 78.2484,
86.7893

■ 42.8305, 21.8962,
10.3054

■ 91.0868, 93.6887,
102.5994

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



51.6940, 36.8612, 67.2719



54.3293, 36.8612, 38.9018



51.1319, 36.8612, 20.1057

Triad

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



54.3293, 36.8612, 38.9018



27.0758, 36.8612, 11.7632



27.7157, 36.8612, 97.8960

Complementary

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



54.3293, 36.8612, 38.9018



54.8660, 80.0256, 73.5321

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.



22.7306, 36.8612, 70.3649



54.3293, 36.8612, 38.9018



22.4059, 36.8612, 21.4986

Square

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



54.3293, 36.8612, 38.9018



34.6020, 36.8612, 8.9466



20.9541, 36.8612, 41.3952



35.4726, 36.8612, 108.6445

Rectangle

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



54.3293, 36.8612, 38.9018



46.3841, 36.8612, 13.2871



20.9541, 36.8612, 41.3952



25.7076, 36.8612, 89.8617

Sweetspot

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



54.3303, 36.8631, 38.9025



79.2853, 75.0337, 83.4122



50.9190, 33.7831, 98.4448



16.5867, 15.4586, 17.2154



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.



54.3303, 36.8631, 38.9025



50.1916, 30.9364, 30.2762



54.0118, 41.5708, 22.3192



18.2553, 18.0854, 19.9618



22.4408, 11.4656, 5.7056



2.2329, 1.1355, 0.8079

Inverse Universe

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



54.3303, 36.8631, 38.9025



50.1916, 30.9364, 30.2762



54.4262, 68.8799, 105.0343



18.2553, 18.0854, 19.9618



22.4408, 11.4656, 5.7056



2.2329, 1.1355, 0.8079

Previews

White Background



This preview shows how the XYZ color 54.3293, 36.8612, 38.9018 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 54.3293, 36.8612, 38.9018 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 54.3293, 36.8612, 38.9018

Background



This preview shows how black text looks on a background with the XYZ color 54.3293, 36.8612, 38.9018.



This preview shows how white text looks on a background with the XYZ color 54.3293, 36.8612,

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

54.3293, 36.8612, 38.9018

Protanopia

36.6895, 37.2830, 53.9778

Deuteranopia

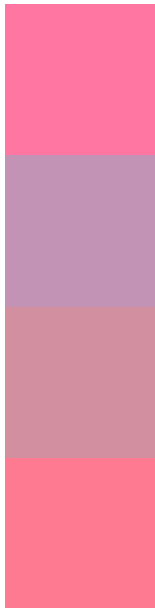
37.6041, 36.8331, 37.0258



Tritanopia

51.9493, 36.9914, 26.5923

Trichromacy



Original Color

54.3293, 36.8612, 38.9018

Protanomaly

40.9201, 35.6321, 47.9010

Deuteranomaly

42.3750, 35.7034, 37.4589

Tritanomaly

52.8666, 37.0035, 30.7416

Monochromacy



Original Color

54.3293, 36.8612, 38.9018

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

40.1605, 35.4181, 39.8416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3293, 36.8612, 38.9018 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, 118, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 163)  
}
```

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, 118, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 163) }
```

Border

The CSS property to change the border of an element to XYZ 54.3293, 36.8612, 38.9018 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, 118, 163) }
```


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

```
.border{ border-color:rgb(255, 118, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3293, 36.8612, 38.9018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 163) }
```

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

```
.background{ background-color: rgb(255,  
118, 163) }
```

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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