

Converting Colors

XYZ(52.9887, 34.4877, 38.1899)

Have a look what the booklet for
XYZ(52.9887, 34.4877, 38.1899)
contains.

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Color

**XYZ(53.1241, 34.5938,
38.0597)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6CA2
RGB	255, 108, 162
RGB Percent	100%, 42%, 64%
CMY	0.0000, 0.5764, 0.3647
CMYK	0.00, 0.58, 0.36, 0.00
HSL	338°, 100%, 71%
HSV	338°, 58%, 100%
XYZ	53.1241, 34.5938, 38.0597
YIQ	158.1090, 70.2780, 47.9580

Conversions

Conversions Part 2

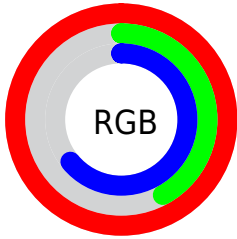
Format	Color
R _Y B	255, 108, 162
Decimal	16739490
CIE Lab	65.43, 60.87, -0.49
CIE LCh	65, 60.870, 359.542
Yxy	34.5938, 0.4224, 0.2750
Android (android.graphics.Color)	4294929570 (0xFFFF6CA2)
YUV	158.1090, 1.9183, 84.9734
Hunter-Lab	58.8165, 58.2955, 2.8054

Details

The XYZ color **53.1241, 34.5938, 38.0597** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.4889, 78.9260, 67.7311**, and the grayscale version is **32.5195, 34.2130, 37.2580**.

A 20% lighter version of the original color is **67.2195, 53.1800, 72.3676**, and **26.2157, 14.8137, 16.5165** is the 20% darker color. If you saturate the color by 10%, you get **49.4737, 29.4428, 30.2154**, and if you desaturate by 10%, it is **57.7466, 41.3944, 47.1365**.

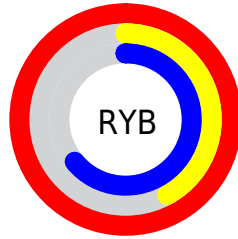
Distribution



Red (100%)

Green (42%)

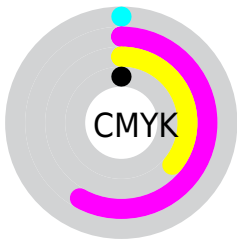
Blue (64%)



Red (100%)

Yellow (42%)

Blue (64%)

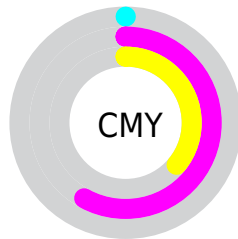


Cyan (0%)

Magenta (58%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1241, 34.5938, 38.0597 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 53.1241, 34.5938, 38.0597 by changing the saturation by 10% instead.


 53.1241, 34.5938,
38.0597


 53.1241, 34.5938,
38.0597


389.0141,
322.7717, 353.1819


 38.1297, 23.3501,
25.7268


 93.9514, 66.8560,
73.4041


 26.2611, 14.8523,
16.3955

 120.5150, 88.6434,
97.2527

 17.1527, 8.7158,
9.6470


 151.6658,
114.7141, 125.7769

 10.4394, 4.5563,
5.0630

 187.7691,
145.4525, 159.3953

 5.7558, 1.9893,
2.2249

229.1902,
181.2431, 198.5265

 2.7364, 0.6013,
0.6887

276.2945,

 1.0159, 0.0000,

222.4703, 243.5890

0.0000

329.4474,
269.5183, 295.0012

■ 0.0000, 0.0000,
0.0000

■ 53.1241, 34.5938,
38.0597

■ 53.1241, 34.5938,
38.0597

■ 49.4737, 29.4428,
30.2154

■ 57.7466, 41.3944,
47.1365

■ 46.7149, 25.7917,
23.5416

■ 63.4073, 49.9663,
57.4992

■ 44.7578, 23.4725,
17.9722

■ 70.1692, 60.4259,
69.2001

■ 43.4846, 22.2622,
13.4288

■ 78.0896, 72.8779,
82.2878

■ 43.2453, 22.0621,
12.4901

■ 87.2217, 87.4194,
96.8080

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.



49.9403, 34.5938, 68.3584



53.1241, 34.5938, 38.0597



50.1211, 34.5938, 18.3067

Triad

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



53.1241, 34.5938, 38.0597



25.1465, 34.5938, 9.0998



24.9490, 34.5938, 97.6461

Complementary

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



53.1241, 34.5938, 38.0597



52.4889, 78.9260, 67.7311

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.



20.1304, 34.5938, 67.3543



53.1241, 34.5938, 38.0597



20.2291, 34.5938, 17.8907

Square

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



53.1241, 34.5938, 38.0597



33.0173, 34.5938, 6.8466



18.5695, 34.5938, 37.2765



32.7438, 34.5938, 110.9649

Rectangle

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



53.1241, 34.5938, 38.0597



45.2765, 34.5938, 11.3348



18.5695, 34.5938, 37.2765



22.9825, 34.5938, 88.5926

Sweetspot

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



53.1251, 34.5956, 38.0603



78.6405, 73.7499, 83.1788



46.8747, 30.0417, 97.9356



16.4679, 15.2090, 17.2126



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.



53.1251, 34.5956, 38.0603



49.0491, 28.8630, 29.2430



51.3008, 37.0501, 18.6374



18.2852, 18.0974, 20.1189



22.6622, 11.5542, 6.8713



2.2570, 1.1452, 0.9347

Inverse Universe

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



53.1251, 34.5956, 38.0603



49.0491, 28.8630, 29.2430



54.7665, 71.4709, 105.5163



18.2852, 18.0974, 20.1189



22.6622, 11.5542, 6.8713



2.2570, 1.1452, 0.9347

Previews

White Background



This preview shows how the XYZ color 53.1241, 34.5938, 38.0597 looks on a white background.

Color Contrast Check

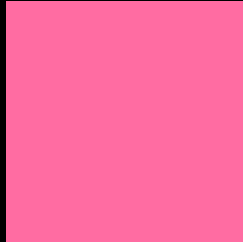
Large Text (above 18pt) WCAG AA × Fail

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 53.1241, 34.5938, 38.0597 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 53.1241, 34.5938, 38.0597

Background



This preview shows how black text looks on a background with the XYZ color 53.1241, 34.5938, 38.0597.



This preview shows how white text looks on a background with the XYZ color 53.1241, 34.5938,

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

53.1241, 34.5938, 38.0597

Protanopia

34.8014, 34.9794, 55.3695

Deuteranopia

35.3765, 34.7079, 35.8451



Tritanopia

50.0284, 34.6415, 23.1185

Trichromacy



Original Color

53.1241, 34.5938, 38.0597



Protanomaly

38.8078, 32.9524, 48.5710



Deuteranomaly

40.2941, 33.3391, 36.6591



Tritanomaly

51.0006, 34.5279, 28.0213

Monochromacy



Original Color

53.1241, 34.5938, 38.0597



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

37.6284, 32.5968, 37.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1241, 34.5938, 38.0597 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, 108, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 162)  
}
```

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, 108, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.1241, 34.5938, 38.0597 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, 108, 162) }
```


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

```
.border{ border-color:rgb(255, 108, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1241, 34.5938, 38.0597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 162) }
```

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

```
.background{ background-color: rgb(255,  
108, 162) }
```

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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