

Converting Colors

XYZ(53.5938, 35.5075, 38.2948)

Have a look what the booklet for
XYZ(53.5938, 35.5075, 38.2948)
contains.

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Color

**XYZ(53.5558, 35.4570,
38.2036)**

Conversions

Conversions Part 1

Format	Color
Hex	FF70A2
RGB	255, 112, 162
RGB Percent	100%, 44%, 64%
CMY	0.0000, 0.5608, 0.3647
CMYK	0.00, 0.56, 0.36, 0.00
HSL	339°, 100%, 72%
HSV	339°, 56%, 100%
XYZ	53.5558, 35.4570, 38.2036
YIQ	160.4570, 69.1780, 45.8660

Conversions

Conversions Part 2

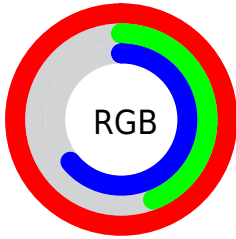
Format	Color
R _Y B	255, 112, 162
Decimal	16740514
CIE Lab	66.10, 59.09, 0.49
CIE LCh	66, 59.087, 0.479
Yxy	35.4570, 0.4210, 0.2787
Android (android.graphics.Color)	4294930594 (0xFFFF70A2)
YUV	160.4570, 0.7607, 82.9142
Hunter-Lab	59.5458, 56.3388, 3.6426

Details

The XYZ color **53.5558, 35.4570, 38.2036** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.4635, 79.3734, 70.2651**, and the grayscale version is **33.6001, 35.3499, 38.4960**.

A 20% lighter version of the original color is **67.7670, 54.2750, 72.5501**, and **26.4836, 15.3494, 16.6058** is the 20% darker color. If you saturate the color by 10%, you get **49.7515, 30.0542, 30.1354**, and if you desaturate by 10%, it is **58.3529, 42.5341, 47.5627**.

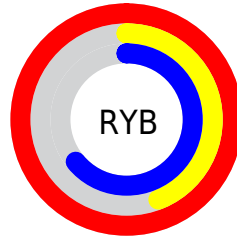
Distribution



Red (100%)

Green (44%)

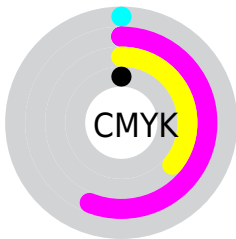
Blue (64%)



Red (100%)

Yellow (44%)

Blue (64%)

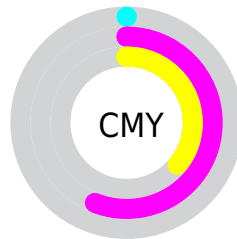


Cyan (0%)

Magenta (56%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5558, 35.4570, 38.2036 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 53.5558, 35.4570, 38.2036 by changing the saturation by 10% instead.


 53.5558, 35.4570,
38.2036


 53.5558, 35.4570,
38.2036

390.6399,
326.5809, 353.8169


 38.4759, 24.0151,
25.8377

 94.5824, 68.1931,
73.6270

 26.5311, 15.3448,
16.4776


 121.2599, 90.2562,
97.5215

 17.3562, 9.0618,
9.7047


 152.5339,
116.6284, 126.0960

 10.5856, 4.7815,
5.1006

188.7699,
147.6942, 159.7690

 5.8542, 2.1196,
2.2466

230.3331,
183.8379, 198.9591

 2.7964, 0.6756,
0.7011

277.5889,

 1.0470, 0.0000,

225.4440, 244.0847

0.0000

330.9027,
272.8969, 295.5645

■ 0.0000, 0.0000,
0.0000

■ 53.5558, 35.4570,
38.2036

■ 53.5558, 35.4570,
38.2036

■ 49.7515, 30.0542,
30.1354

■ 58.3529, 42.5341,
47.5627

■ 46.8604, 26.1789,
23.2933

■ 64.2082, 51.4051,
58.2688

■ 44.7945, 23.6675,
17.6087

■ 71.1848, 62.1851,
70.3765

■ 43.4444, 22.3156,
13.0024

■ 79.3395, 74.9776,
83.9368

■ 43.0496, 21.9838,
11.4592

■ 88.7254, 89.8790,
98.9978

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.



50.6274, 35.4570, 67.6630



53.5558, 35.4570, 38.2036



50.4423, 35.4570, 18.9104

Triad

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



53.5558, 35.4570, 38.2036



25.8432, 35.4570, 10.1333



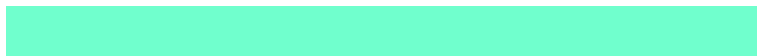
26.0487, 35.4570, 97.8051

Complementary

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



53.5558, 35.4570, 38.2036



53.4635, 79.3734, 70.2651

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.



21.1459, 35.4570, 68.6865



53.5558, 35.4570, 38.2036



21.0426, 35.4570, 19.3490

Square

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



53.5558, 35.4570, 38.2036



33.5598, 35.4570, 7.6345



19.4823, 35.4570, 39.0125



33.8422, 35.4570, 109.9349

Rectangle

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



53.5558, 35.4570, 38.2036



45.6246, 35.4570, 12.0330



19.4823, 35.4570, 39.0125



24.0597, 35.4570, 89.1960

Sweetspot

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



53.5567, 35.4588, 38.2042



78.5344, 73.7075, 82.6205



49.0089, 31.7826, 98.1593



16.4430, 15.1991, 17.0816



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.



53.5567, 35.4588, 38.2042



49.4470, 29.6340, 29.4522



52.6153, 39.3305, 20.1500



18.2716, 18.0919, 20.0473



22.5578, 11.5124, 6.3221



2.2457, 1.1407, 0.8755

Inverse Universe

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



53.5567, 35.4588, 38.2042



49.4470, 29.6340, 29.4522



54.0284, 69.2557, 105.1278



18.2716, 18.0919, 20.0473



22.5578, 11.5124, 6.3221



2.2457, 1.1407, 0.8755

Previews

White Background



This preview shows how the XYZ color 53.5558, 35.4570, 38.2036 looks on a white background.

Color Contrast Check

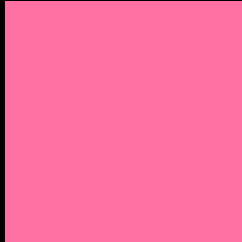
Large Text (above 18pt) WCAG AA × Fail

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 53.5558, 35.4570, 38.2036 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 53.5558, 35.4570, 38.2036

Background



This preview shows how black text looks on a background with the XYZ color 53.5558, 35.4570, 38.2036.



This preview shows how white text looks on a background with the XYZ color 53.5558, 35.4570,

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

53.5558, 35.4570, 38.2036

Protanopia

35.4923, 35.8718, 54.3435

Deuteranopia

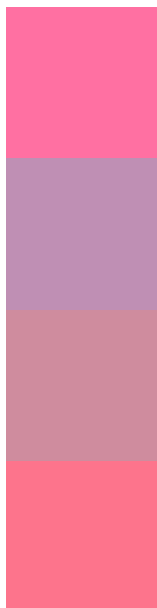
36.3953, 35.7272, 35.9881



Tritanopia

50.5725, 35.4214, 24.2502

Trichromacy



Original Color

53.5558, 35.4570, 38.2036

Protanomaly

39.5465, 34.0166, 47.6615

Deuteranomaly

41.2818, 34.4902, 36.8292

Tritanomaly

51.4870, 35.2669, 28.9045

Monochromacy



Original Color

53.5558, 35.4570, 38.2036

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

38.7612, 33.8202, 38.2032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5558, 35.4570, 38.2036 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, 112, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 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, 112, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.5558, 35.4570, 38.2036 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, 112, 162) }
```


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

```
.border{ border-color:rgb(255, 112, 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, 112, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5558, 35.4570, 38.2036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 162) }
```

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

```
.background{ background-color: rgb(255,  
112, 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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