

Converting Colors

XYZ(53.3324, 35.9085, 35.3602)

Have a look what the booklet for
XYZ(53.3324, 35.9085, 35.3602)
contains.

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Color

**XYZ(53.3715, 35.9218,
35.5731)**

Conversions

Conversions Part 1

Format	Color
Hex	FF739C
RGB	255, 115, 156
RGB Percent	100%, 45%, 61%
CMY	0.0000, 0.5490, 0.3882
CMYK	0.00, 0.55, 0.39, 0.00
HSL	342°, 100%, 73%
HSV	342°, 55%, 100%
XYZ	53.3715, 35.9218, 35.5731
YIQ	161.5340, 70.2790, 42.4310

Conversions

Conversions Part 2

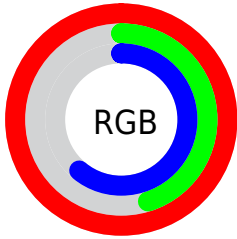
Format	Color
RYB	255, 115, 156
Decimal	16741276
CIELab	66.46, 57.07, 4.43
CIElCh	66, 57.243, 4.434
Yxy	35.9218, 0.4274, 0.2877
Android (android.graphics.Color)	4294931356 (0xFFFF739C)
YUV	161.5340, -2.7283, 81.9697
Hunter-Lab	59.9348, 54.0671, 6.7640

Details

The XYZ color **53.3715, 35.9218, 35.5731** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.9699, 80.0208, 76.1717**, and the grayscale version is **34.1155, 35.8922, 39.0866**.

A 20% lighter version of the original color is **67.4358, 55.0390, 68.0421**, and **26.3619, 15.6172, 14.9896** is the 20% darker color. If you saturate the color by 10%, you get **49.4399, 30.3237, 27.2798**, and if you desaturate by 10%, it is **58.3358, 43.2224, 45.3298**.

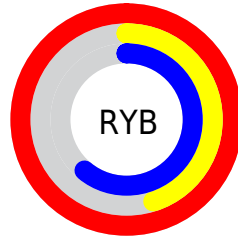
Distribution



Red (100%)

Green (45%)

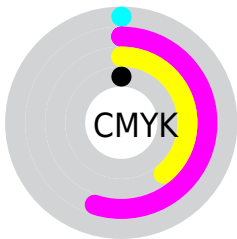
Blue (61%)



Red (100%)

Yellow (45%)

Blue (61%)

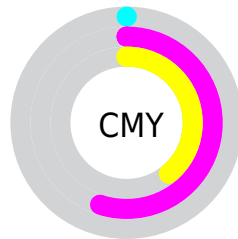


Cyan (0%)

Magenta (55%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3715, 35.9218, 35.5731 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 53.3715, 35.9218, 35.5731 by changing the saturation by 10% instead.

 53.3715, 35.9218,
35.5731


 53.3715, 35.9218,
35.5731


389.9464,
328.6186, 342.0716


 38.3281, 24.3738,
23.8176


 94.3131, 68.9113,
69.5343

 26.4158, 15.6111,
14.9874


 120.9420, 91.1217,
92.5770

 17.2693, 9.2494,
8.6640

 152.1635,
117.6549, 120.2192

 10.5231, 4.9042,
4.4289

188.3428,
148.8955, 152.8795

 5.8121, 2.1912,
1.8635

229.8454,
185.2277, 190.9763

 2.7707, 0.7152,
0.4693

277.0367,

 1.0337, 0.0000,

227.0361, 234.9282

0.0000

330.2819,
274.7049, 285.1538

■ 0.0000, 0.0000,
0.0000

■ 53.3715, 35.9218,
35.5731

■ 53.3715, 35.9218,
35.5731

■ 49.4399, 30.3237,
27.2798

■ 58.3358, 43.2224,
45.3298

■ 46.4600, 26.2822,
20.3728

■ 64.3995, 52.3442,
56.6172

■ 44.3428, 23.6363,
14.7699

■ 71.6271, 63.4018,
69.5007

■ 42.9791, 22.1861,
10.3776

■ 80.0770, 76.4988,
84.0409

■ 42.4987, 21.7635,
8.5583

■ 89.8037, 91.7313,
100.2952

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.



51.2901, 35.9218, 63.2488



53.3715, 35.9218, 35.5731



49.6356, 35.9218, 18.0191

Triad

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



53.3715, 35.9218, 35.5731



25.6385, 35.9218, 11.6545



27.5069, 35.9218, 99.0835

Complementary

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



53.3715, 35.9218, 35.5731



54.9699, 80.0208, 76.1717

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.



22.2642, 35.9218, 72.3701



53.3715, 35.9218, 35.5731



21.3189, 35.9218, 22.0619

Square

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



53.3715, 35.9218, 35.5731



32.8832, 35.9218, 8.3884



20.1954, 35.9218, 42.8797



35.4338, 35.9218, 107.6528

Rectangle

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



53.3715, 35.9218, 35.5731



44.6643, 35.9218, 11.8951



20.1954, 35.9218, 42.8797



25.4184, 35.9218, 91.5031

Sweetspot

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



53.3725, 35.9237, 35.5738



79.0849, 74.9535, 82.3566



51.6229, 33.6299, 98.3781



16.5393, 15.4396, 16.9657



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.



53.3725, 35.9237, 35.5738



49.0666, 29.8050, 26.4526



54.1584, 42.1449, 21.5025



18.2281, 18.0746, 19.8186



22.2626, 11.3944, 4.7676



2.2129, 1.1275, 0.7023

Inverse Universe

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



53.3725, 35.9237, 35.5738



49.0666, 29.8050, 26.4526



52.5908, 65.8044, 104.5374



18.2281, 18.0746, 19.8186



22.2626, 11.3944, 4.7676



2.2129, 1.1275, 0.7023

Previews

White Background



This preview shows how the XYZ color 53.3715, 35.9218, 35.5731 looks on a white background.

Color Contrast Check

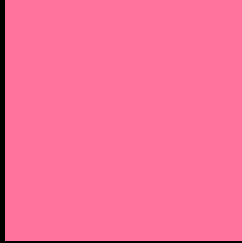
Large Text (above 18pt) WCAG AA × Fail

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 53.3715, 35.9218, 35.5731 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 53.3715, 35.9218, 35.5731

Background



This preview shows how black text looks on a background with the XYZ color 53.3715, 35.9218, 35.5731.



This preview shows how white text looks on a background with the XYZ color 53.3715, 35.9218,

35.5731.

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

53.3715, 35.9218, 35.5731

Protanopia

35.5902, 36.2796, 49.9266

Deuteranopia

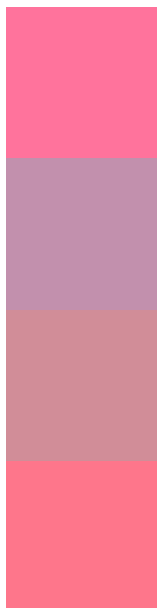
36.6047, 35.8919, 33.4323



Tritanopia

51.1869, 35.9006, 25.0005

Trichromacy



Original Color

53.3715, 35.9218, 35.5731

Protanomaly

39.7642, 34.4330, 44.0856

Deuteranomaly

41.4869, 34.8721, 34.2501

Tritanomaly

52.0117, 35.8918, 28.6126

Monochromacy



Original Color

53.3715, 35.9218, 35.5731

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

39.2355, 34.5246, 37.8537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3715, 35.9218, 35.5731 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, 115, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 156)  
}
```

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, 115, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 156) }
```

Border

The CSS property to change the border of an element to XYZ 53.3715, 35.9218, 35.5731 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, 115, 156) }
```


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

```
.border{ border-color:rgb(255, 115, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 115, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 115, 156); box-shadow:4px 4px 4px 4px rgb(255, 115, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3715, 35.9218, 35.5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 156) }
```

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

```
.background{ background-color: rgb(255,  
115, 156) }
```

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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