

Converting Colors

XYZ(62.8244, 40.3412, 36.7246)

Have a look what the booklet for
XYZ(62.8244, 40.3412, 36.7246)
contains.

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Color

**XYZ(53.2057, 35.3170,
36.3604)**

Conversions

Conversions Part 1

Format	Color
Hex	FF709E
RGB	255, 112, 158
RGB Percent	100%, 44%, 62%
CMY	0.0000, 0.5608, 0.3804
CMYK	0.00, 0.56, 0.38, 0.00
HSL	341°, 100%, 72%
HSV	341°, 56%, 100%
XYZ	53.2057, 35.3170, 36.3604
YIQ	160.0010, 70.4620, 44.6220

Conversions

Conversions Part 2

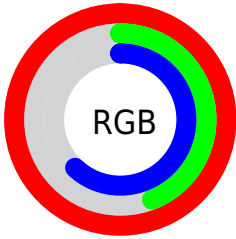
Format	Color
R_{YB}	255, 112, 158
Decimal	16740510
CIE _{Lab}	65.99, 58.65, 2.61
CIE _{LCh}	66, 58.708, 2.552
Yxy	35.3170, 0.4260, 0.2828
Android (android.graphics.Color)	4294930590 (0xFFFF709E)
YUV	160.0010, -0.9865, 83.3141
Hunter-Lab	59.4281, 55.8110, 5.3238

Details

The XYZ color **53.2057, 35.3170, 36.3604** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.9527, 79.5690, 72.8412**, and the grayscale version is **33.3971, 35.1363, 38.2635**.

A 20% lighter version of the original color is **67.1263, 54.0187, 69.1761**, and **26.2682, 15.2632, 15.4715** is the 20% darker color. If you saturate the color by 10%, you get **49.3941, 29.9113, 28.2536**, and if you desaturate by 10%, it is **58.0253, 42.4031, 45.8379**.

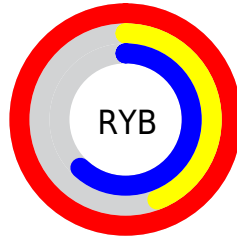
Distribution



Red (100%)

Green (44%)

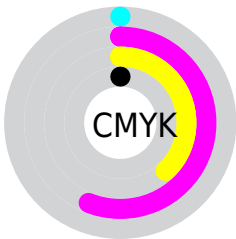
Blue (62%)



Red (100%)

Yellow (44%)

Blue (62%)

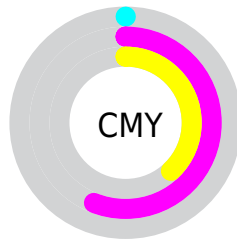


Cyan (0%)

Magenta (56%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2057, 35.3170, 36.3604 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 53.2057, 35.3170, 36.3604 by changing the saturation by 10% instead.


 53.2057, 35.3170,
36.3604


 53.2057, 35.3170,
36.3604


389.3218,
325.9653, 345.6180


 38.1951, 23.9072,
24.4208


 94.0707, 67.9766,
70.7633

 26.3121, 15.2648,
15.4310


 120.6559, 89.9951,
94.0636

 17.1912, 9.0054,
8.9724

 151.8300,
116.3186, 121.9879

 10.4670, 4.7447,
4.6266

187.9584,
147.3316, 154.9547

 5.7743, 2.0983,
1.9750

229.4064,
183.4183, 193.3826

 2.7477, 0.6637,
0.5399

276.5394,

 1.0218, 0.0000,

224.9633, 237.6901

0.0000

329.7227,
272.3508, 288.2957

■ 0.0000, 0.0000,
0.0000

■ 53.2057, 35.3170,
36.3604

■ 53.2057, 35.3170,
36.3604

■ 49.3941, 29.9113,
28.2536

■ 58.0253, 42.4031,
45.8379

■ 46.5097, 26.0386,
21.4466

■ 63.9194, 51.2897,
56.7476

■ 44.4631, 23.5350,
15.8640

■ 70.9517, 62.0920,
69.1496

■ 43.1437, 22.1953,
11.4193

■ 79.1804, 74.9141,
83.0995

■ 42.7636, 21.8694,
9.9538

■ 88.6593, 89.8526,
98.6499

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.



50.7084, 35.3170, 65.0338



53.2057, 35.3170, 36.3604



49.7342, 35.3170, 18.0078

Triad

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



53.2057, 35.3170, 36.3604



25.3476, 35.3170, 10.5585



26.4324, 35.3170, 98.5613

Complementary

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



53.2057, 35.3170, 36.3604



53.9527, 79.5690, 72.8412

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.



21.3498, 35.3170, 70.4203



53.2057, 35.3170, 36.3604



20.8037, 35.3170, 20.3288

Square

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



53.2057, 35.3170, 36.3604



32.8285, 35.3170, 7.7039



19.4762, 35.3170, 40.6269



34.3181, 35.3170, 108.9156

Rectangle

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



53.2057, 35.3170, 36.3604



44.8010, 35.3170, 11.5816



19.4762, 35.3170, 40.6269



24.3892, 35.3170, 90.4057

Sweetspot

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



53.2067, 35.3188, 36.3610



78.3678, 73.6408, 81.7429



49.6712, 32.1241, 98.1902



16.4039, 15.1834, 16.8757



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.



53.2067, 35.3188, 36.3610



49.0897, 29.4910, 27.5705



52.9467, 39.9934, 20.2606



18.2501, 18.0834, 19.9344



22.4050, 11.4513, 5.5173



2.2289, 1.1339, 0.7870

Inverse Universe

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



53.2067, 35.3188, 36.3610



49.0897, 29.4910, 27.5705



53.3561, 67.9112, 104.9036



18.2501, 18.0834, 19.9344



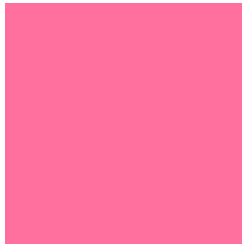
22.4050, 11.4513, 5.5173



2.2289, 1.1339, 0.7870

Previews

White Background



This preview shows how the XYZ color 53.2057, 35.3170, 36.3604 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 53.2057, 35.3170, 36.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

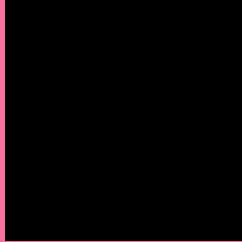
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2057, 35.3170, 36.3604

Background



This preview shows how black text looks on a background with the XYZ color 53.2057, 35.3170, 36.3604.



This preview shows how white text looks on a background with the XYZ color 53.2057, 35.3170,

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

53.2057, 35.3170, 36.3604

Protanopia

34.9714, 35.4094, 51.4459

Deuteranopia

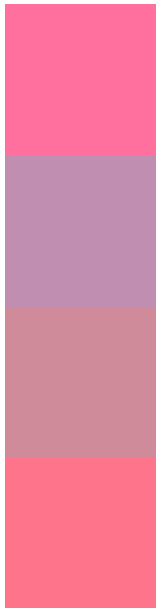
36.1296, 35.3804, 34.2030



Tritanopia

50.7523, 35.3459, 23.8862

Trichromacy



Original Color

53.2057, 35.3170, 36.3604

Protanomaly

39.2477, 33.6871, 45.5080

Deuteranomaly

40.7975, 34.0637, 34.9965

Tritanomaly

51.7059, 35.3966, 28.1518

Monochromacy



Original Color

53.2057, 35.3170, 36.3604

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

38.5861, 33.7502, 37.2816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2057, 35.3170, 36.3604 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 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, 112, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 158) }
```

Border

The CSS property to change the border of an element to XYZ 53.2057, 35.3170, 36.3604 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, 158) }
```


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

```
.border{ border-color:rgb(255, 112, 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, 112, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2057, 35.3170, 36.3604 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, 158) }
```

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

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