

Converting Colors

XYZ(93.3109, 56.2551, 38.7038)

Have a look what the booklet for
XYZ(93.3109, 56.2551, 38.7038)
contains.

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Color

**XYZ(53.5153, 35.7978,
36.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	FF729F
RGB	255, 114, 159
RGB Percent	100%, 45%, 62%
CMY	0.0000, 0.5529, 0.3765
CMYK	0.00, 0.55, 0.38, 0.00
HSL	341°, 100%, 72%
HSV	341°, 55%, 100%
XYZ	53.5153, 35.7978, 36.8900
YIQ	161.2890, 69.5910, 43.8870

Conversions

Conversions Part 2

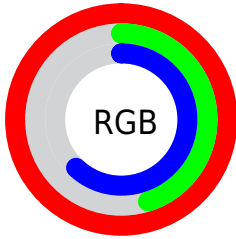
Format	Color
R_{YB}	255, 114, 159
Decimal	16741023
CIE _{Lab}	66.37, 57.85, 2.58
CIE _{LCh}	66, 57.908, 2.556
Yxy	35.7978, 0.4240, 0.2837
Android (android.graphics.Color)	4294931103 (0xFFFF729F)
YUV	161.2890, -1.1285, 82.1845
Hunter-Lab	59.8313, 54.9523, 5.3256

Details

The XYZ color **53.5153, 35.7978, 36.8900** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.3342, 79.7514, 73.5073**, and the grayscale version is **33.9943, 35.7647, 38.9477**.

A 20% lighter version of the original color is **67.7523, 54.8645, 70.6373**, and **26.4180, 15.4783, 15.7826** is the 20% darker color. If you saturate the color by 10%, you get **49.6269, 30.2653, 28.6752**, and if you desaturate by 10%, it is **58.4188, 43.0217, 46.4880**.

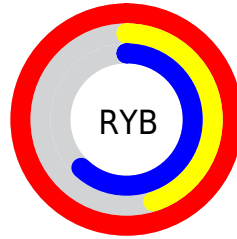
Distribution



Red (100%)

Green (45%)

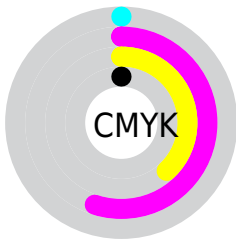
Blue (62%)



Red (100%)

Yellow (45%)

Blue (62%)

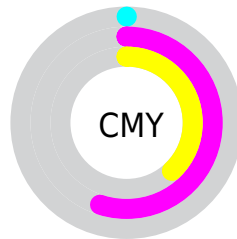


Cyan (0%)

Magenta (55%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5153, 35.7978, 36.8900 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 53.5153, 35.7978, 36.8900 by changing the saturation by 10% instead.


 53.5153, 35.7978,
36.8900


 53.5153, 35.7978,
36.8900


390.4876,
328.0759, 347.9884


 38.4434, 24.2781,
24.8272

 94.5233, 68.7199,
71.5880

 26.5058, 15.5400,
15.7305


 121.1901, 90.8910,
95.0603

 17.3371, 9.1993,
9.1814


 152.4525,
117.3814, 123.1729

 10.5719, 4.8714,
4.7613

188.6760,
148.5754, 156.3442

 5.8449, 2.1720,
2.0516

230.2260,
184.8575, 194.9929

 2.7908, 0.7047,
0.5867

277.4676,

 1.0441, 0.0000,

226.6120, 239.5375

0.0000

330.7664,
274.2233, 290.3964

■ 0.0000, 0.0000,
0.0000

■ 53.5153, 35.7978,
36.8900

■ 53.5153, 35.7978,
36.8900

■ 49.6269, 30.2653,
28.6752

■ 58.4188, 43.0217,
46.4880

■ 46.6735, 26.2781,
21.7725

■ 64.4034, 52.0559,
57.5310

■ 44.5667, 23.6747,
16.1067

■ 71.5326, 63.0149,
70.0791

■ 43.1979, 22.2537,
11.5915

■ 79.8642, 76.0023,
84.1881

■ 42.7393, 21.8597,
9.8252

■ 89.4518, 91.1141,
99.9109

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.



51.0426, 35.7978, 65.3433



53.5153, 35.7978, 36.8900



50.0759, 35.7978, 18.5372

Triad

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



53.5153, 35.7978, 36.8900



25.8287, 35.7978, 11.0182



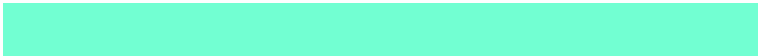
26.9136, 35.7978, 98.4558

Complementary

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



53.5153, 35.7978, 36.8900



54.3342, 79.7514, 73.5073

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.



21.8323, 35.7978, 70.6792



53.5153, 35.7978, 36.8900



21.2846, 35.7978, 20.8727

Square

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



53.5153, 35.7978, 36.8900



33.2877, 35.7978, 8.1125



19.9549, 35.7978, 41.1428



34.7725, 35.7978, 108.6541

Rectangle

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



53.5153, 35.7978, 36.8900



45.1846, 35.7978, 12.0539



19.9549, 35.7978, 41.1428



24.8727, 35.7978, 90.4147

Sweetspot

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



53.5163, 35.7997, 36.8906



78.3528, 73.6348, 81.6639



50.0814, 32.6667, 98.2734



16.4004, 15.1820, 16.8572



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.



53.5163, 35.7997, 36.8906



49.3877, 29.9334, 28.1434



53.2956, 40.5108, 20.9324



18.2482, 18.0826, 19.9242



22.3919, 11.4461, 5.4484



2.2275, 1.1334, 0.7793

Inverse Universe

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



53.5163, 35.7997, 36.8906



49.3877, 29.9334, 28.1434



53.7069, 68.2308, 104.9469



18.2482, 18.0826, 19.9242



22.3919, 11.4461, 5.4484



2.2275, 1.1334, 0.7793

Previews

White Background



This preview shows how the XYZ color 53.5153, 35.7978, 36.8900 looks on a white background.

Color Contrast Check

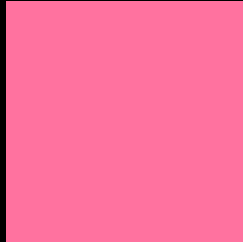
Large Text (above 18pt) WCAG AA × Fail

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 53.5153, 35.7978, 36.8900 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 53.5153, 35.7978, 36.8900

Background



This preview shows how black text looks on a background with the XYZ color 53.5153, 35.7978, 36.8900.



This preview shows how white text looks on a background with the XYZ color 53.5153, 35.7978,

36.8900.

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

53.5153, 35.7978, 36.8900

Protanopia

35.4451, 35.8976, 52.0745

Deuteranopia

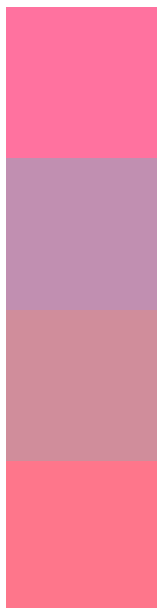
36.6120, 35.8677, 34.6993



Tritanopia

51.1208, 35.8741, 24.6521

Trichromacy



Original Color

53.5153, 35.7978, 36.8900

Protanomaly

39.7506, 34.1567, 46.0928

Deuteranomaly

41.4537, 34.8262, 35.5476

Tritanomaly

52.0117, 35.8918, 28.6126

Monochromacy



Original Color

53.5153, 35.7978, 36.8900

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

38.8241, 34.0867, 37.7908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5153, 35.7978, 36.8900 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, 114, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 159)  
}
```

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, 114, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 159) }
```

Border

The CSS property to change the border of an element to XYZ 53.5153, 35.7978, 36.8900 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, 114, 159) }
```


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

```
.border{ border-color:rgb(255, 114, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 114, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5153, 35.7978, 36.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 159) }
```

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

```
.background{ background-color: rgb(255,  
114, 159) }
```

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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