

Converting Colors

XYZ(54.8029, 37.2707, 36.1501)

Have a look what the booklet for
XYZ(54.8029, 37.2707, 36.1501)
contains.

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Color

**XYZ(53.9226, 36.8880,
36.1763)**

Conversions

Conversions Part 1

Format	Color
Hex	FF779D
RGB	255, 119, 157
RGB Percent	100%, 47%, 62%
CMY	0.0000, 0.5333, 0.3843
CMYK	0.00, 0.53, 0.38, 0.00
HSL	343°, 100%, 73%
HSV	343°, 53%, 100%
XYZ	53.9226, 36.8880, 36.1763
YIQ	163.9960, 68.8580, 40.6500

Conversions

Conversions Part 2

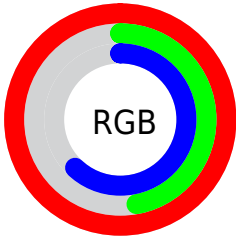
Format	Color
R_{YB}	255, 119, 157
Decimal	16742301
CIE Lab	67.19, 55.33, 4.91
CIE LCh	67, 55.545, 5.076
Yxy	36.8880, 0.4246, 0.2905
Android (android.graphics.Color)	4294932381 (0xFFFF779D)
YUV	163.9960, -3.4490, 79.8105
Hunter-Lab	60.7355, 52.1900, 7.1995

Details

The XYZ color **53.9226, 36.8880, 36.1763** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.8941, 80.4525, 78.2336**, and the grayscale version is **35.2789, 37.1162, 40.4195**.

A 20% lighter version of the original color is **68.3278, 56.6231, 68.9561**, and **26.6272, 16.0650, 15.3331** is the 20% darker color. If you saturate the color by 10%, you get **49.8319, 31.0313, 27.6458**, and if you desaturate by 10%, it is **59.0653, 44.4707, 46.2223**.

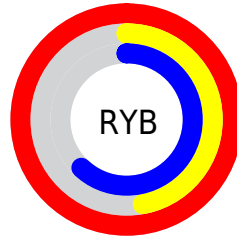
Distribution



Red (100%)

Green (47%)

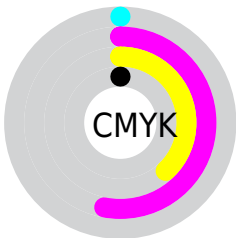
Blue (62%)



Red (100%)

Yellow (47%)

Blue (62%)

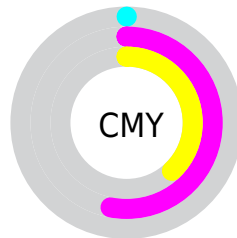


Cyan (0%)

Magenta (53%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9226, 36.8880, 36.1763 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 53.9226, 36.8880, 36.1763 by changing the saturation by 10% instead.


 53.9226, 36.8880,
36.1763


 53.9226, 36.8880,
36.1763

392.0180,
332.8254, 344.7911


 38.7702, 25.1208,
24.2796


 95.1182, 70.4005,
70.4762

 26.7609, 16.1671,
15.3271


 121.8920, 92.9146,
93.7165

 17.5294, 9.6425,
8.9001


 153.2704,
119.7797, 121.5751

 10.7103, 5.1625,
4.5801

189.6187,
151.3803, 154.4705

 5.9382, 2.3429,
1.9487

231.3023,
188.1008, 192.8212

 2.8479, 0.7963,
0.5235

278.6864,

 1.0738, 0.0000,

230.3255, 237.0459

0.0000

332.1365,
278.4389, 287.5630

■ 0.0030, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9226, 36.8880,
36.1763

■ 53.9226, 36.8880,
36.1763

■ 49.8319, 31.0313,
27.6458

■ 59.0653, 44.4707,
46.2223

■ 46.7128, 26.7573,
20.5512

■ 65.3260, 53.8964,
57.8534

■ 44.4780, 23.9090,
14.8080

■ 72.7690, 65.2782,
71.1370

■ 43.0211, 22.2934,
10.3201

■ 81.4524, 78.7187,
86.1361

■ 42.3850, 21.7180,
7.9598

■ 91.4307, 94.3131,
102.9101

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.



52.0090, 36.8880, 63.2123



53.9226, 36.8880, 36.1763



50.1566, 36.8880, 18.8749

Triad

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



53.9226, 36.8880, 36.1763



26.5068, 36.8880, 12.8014



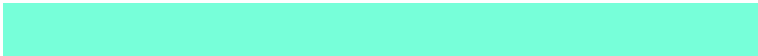
28.6333, 36.8880, 99.0804

Complementary

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



53.9226, 36.8880, 36.1763



55.8941, 80.4525, 78.2336

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.



23.3459, 36.8880, 73.3889



53.9226, 36.8880, 36.1763



22.2639, 36.8880, 23.5353

Square

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



53.9226, 36.8880, 36.1763



33.6391, 36.8880, 9.3094



21.2073, 36.8880, 44.4361



36.5223, 36.8880, 106.8763

Rectangle

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



53.9226, 36.8880, 36.1763



45.2400, 36.8880, 12.7684



21.2073, 36.8880, 44.4361



26.5361, 36.8880, 91.8558

Sweetspot

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



53.9236, 36.8899, 36.1770



79.0096, 74.9234, 81.9604



53.1054, 35.0860, 98.5809



16.5215, 15.4325, 16.8721



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.



53.9236, 36.8899, 36.1770



49.5935, 30.6972, 27.1266



55.2345, 43.9206, 23.0217



18.2179, 18.0705, 19.7647



22.2013, 11.3698, 4.4447



2.2058, 1.1247, 0.6650

Inverse Universe

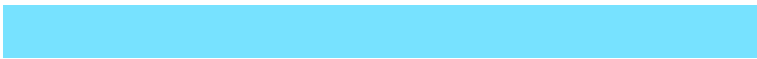
The Inverse Universe completely reimagines the original color for something new.



53.9236, 36.8899, 36.1770



49.5935, 30.6972, 27.1266



52.7289, 65.2826, 104.4293



18.2179, 18.0705, 19.7647



22.2013, 11.3698, 4.4447



2.2058, 1.1247, 0.6650

Previews

White Background



This preview shows how the XYZ color 53.9226, 36.8880, 36.1763 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 53.9226, 36.8880, 36.1763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

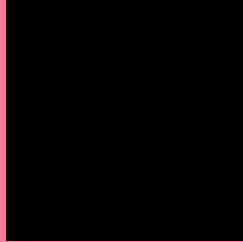
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9226, 36.8880, 36.1763

Background



This preview shows how black text looks on a background with the XYZ color 53.9226, 36.8880, 36.1763.



This preview shows how white text looks on a background with the XYZ color 53.9226, 36.8880,

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

53.9226, 36.8880, 36.1763

Protanopia

36.2386, 37.1489, 49.5164

Deuteranopia

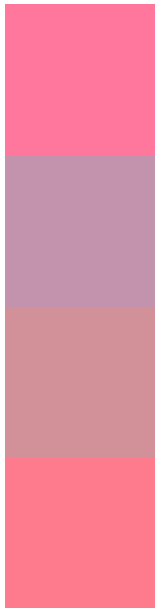
37.8204, 37.0024, 34.4270



Tritanopia

51.8805, 36.9639, 26.2301

Trichromacy



Original Color

53.9226, 36.8880, 36.1763

Protanomaly

40.4822, 35.4867, 44.2511

Deuteranomaly

42.3014, 35.9481, 34.8461

Tritanomaly

52.6403, 36.9130, 29.5498

Monochromacy



Original Color

53.9226, 36.8880, 36.1763

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

40.0489, 35.6233, 38.4834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9226, 36.8880, 36.1763 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, 119, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 157)  
}
```

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, 119, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 157) }
```

Border

The CSS property to change the border of an element to XYZ 53.9226, 36.8880, 36.1763 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, 119, 157) }
```


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

```
.border{ border-color:rgb(255, 119, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9226, 36.8880, 36.1763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 157) }
```

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

```
.background{ background-color: rgb(255,  
119, 157) }
```

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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