

Converting Colors

XYZ(54.7738, 37.5240, 35.1973)

Have a look what the booklet for
XYZ(54.7738, 37.5240, 35.1973)
contains.

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Color

**XYZ(53.8729, 37.0595,
35.3241)**

Conversions

Conversions Part 1	
Format	Color
Hex	FF789B
RGB	255, 120, 155
RGB Percent	100%, 47%, 61%
CMY	0.0000, 0.5294, 0.3922
CMYK	0.00, 0.53, 0.39, 0.00
HSL	344°, 100%, 74%
HSV	344°, 53%, 100%
XYZ	53.8729, 37.0595, 35.3241
YIQ	164.3550, 69.2250, 39.5050

Conversions

Conversions Part 2

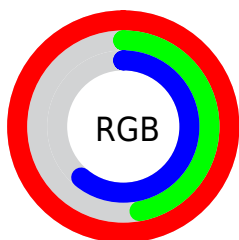
Format	Color
RYB	255, 120, 155
Decimal	16742555
CIELab	67.32, 54.65, 6.23
CIELCh	67, 55.000, 6.507
Yxy	37.0595, 0.4267, 0.2935
Android (android.graphics.Color)	4294932635 (0xFFFF789B)
YUV	164.3550, -4.6120, 79.4957
Hunter-Lab	60.8765, 51.4303, 8.2100

Details

The XYZ color **53.8729, 37.0595, 35.3241** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.4260, 80.6813, 80.3141**, and the grayscale version is **35.4551, 37.3015, 40.6214**.

A 20% lighter version of the original color is **68.2740, 56.9141, 67.7087**, and **26.6371, 16.2494, 14.8292** is the 20% darker color. If you saturate the color by 10%, you get **49.7398, 31.1368, 26.7223**, and if you desaturate by 10%, it is **59.0725, 44.7181, 45.5065**.

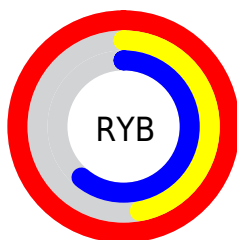
Distribution



Red (100%)

Green (47%)

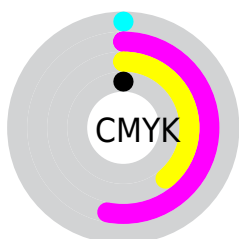
Blue (61%)



Red (100%)

Yellow (47%)

Blue (61%)

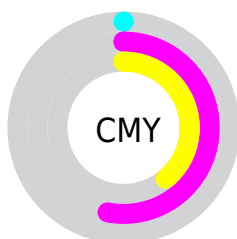


Cyan (0%)

Magenta (53%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8729, 37.0595, 35.3241 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 53.8729, 37.0595, 35.3241 by changing the saturation by 10% instead.


 53.8729, 37.0595,
35.3241


 53.8729, 37.0595,
35.3241


391.8314,
333.5681, 340.9442


 38.7303, 25.2536,
23.6271


 95.0456, 70.6643,
69.1448

 26.7298, 16.2661,
14.8476


 121.8064, 93.2319,
92.1056

 17.5059, 9.7126,
8.5671


 153.1707,
120.1556, 119.6580

 10.6934, 5.2088,
4.3670

189.5038,
151.8197, 152.2207

 5.9268, 2.3703,
1.8287

231.1711,
188.6086, 190.2121

 2.8409, 0.8106,
0.4468


278.5378,


 1.0702, 0.0000,


230.9067, 234.0508


0.0000


331.9695,
279.0984, 284.1553


 0.0000, 0.0000,
0.0000


 53.8729, 37.0595,
35.3241


 53.8729, 37.0595,
35.3241


 49.7398, 31.1368,
26.7223


 59.0725, 44.7181,
45.5065

 46.5925, 26.8068,
19.6164


 65.4055, 54.2292,
57.3438


 44.3427, 23.9130,
13.9160

 72.9368, 65.7062,
70.9079

 42.8838, 22.2638,
9.5188

 81.7251, 79.2514,
86.2656

 42.2264, 21.6545,
7.1241

 91.8254, 94.9602,
103.4804

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.



52.2472, 37.0595, 61.7901



53.8729, 37.0595, 35.3241



49.8982, 37.0595, 18.5826

Triad

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



53.8729, 37.0595, 35.3241



26.4470, 37.0595, 13.3870



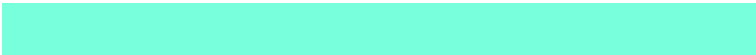
29.1587, 37.0595, 99.5265

Complementary

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



53.8729, 37.0595, 35.3241



56.4260, 80.6813, 80.3141

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.



23.7519, 37.0595, 74.6804



53.8729, 37.0595, 35.3241



22.3695, 37.0595, 24.5523

Square

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



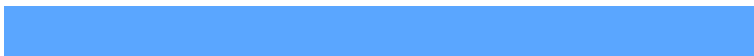
53.8729, 37.0595, 35.3241



33.4218, 37.0595, 9.5989



21.4678, 37.0595, 45.8346



37.0898, 37.0595, 106.1358

Rectangle

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



53.8729, 37.0595, 35.3241



44.9301, 37.0595, 12.7281



21.4678, 37.0595, 45.8346



27.0271, 37.0595, 92.6555

Sweetspot

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



53.8739, 37.0614, 35.3248



78.8973, 74.8785, 81.3689



53.9815, 35.7152, 98.6563



16.4950, 15.4219, 16.7324



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.



53.8739, 37.0614, 35.3248



49.3602, 30.6038, 25.8982



55.7789, 44.9127, 23.5009



18.2026, 18.0644, 19.6841



22.1154, 11.3355, 3.9922



2.1956, 1.1206, 0.6116

Inverse Universe

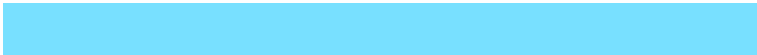
The Inverse Universe completely reimagines the original color for something new.



53.8739, 37.0614, 35.3248



49.3602, 30.6038, 25.8982



52.3188, 64.2575, 104.2532



18.2026, 18.0644, 19.6841



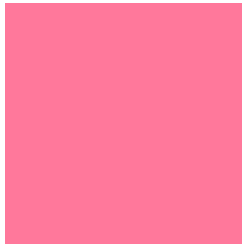
22.1154, 11.3355, 3.9922



2.1956, 1.1206, 0.6116

Previews

White Background



This preview shows how the XYZ color 53.8729, 37.0595, 35.3241 looks on a white background.

Color Contrast Check

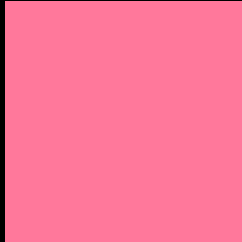
Large Text (above 18pt) WCAG AA × Fail

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 53.8729, 37.0595, 35.3241 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 53.8729, 37.0595, 35.3241

Background



This preview shows how black text looks on a background with the XYZ color 53.8729, 37.0595, 35.3241.



This preview shows how white text looks on a background with the XYZ color 53.8729, 37.0595,

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

53.8729, 37.0595, 35.3241

Protanopia

36.4397, 37.2762, 48.4545

Deuteranopia

37.9014, 37.0627, 33.5900



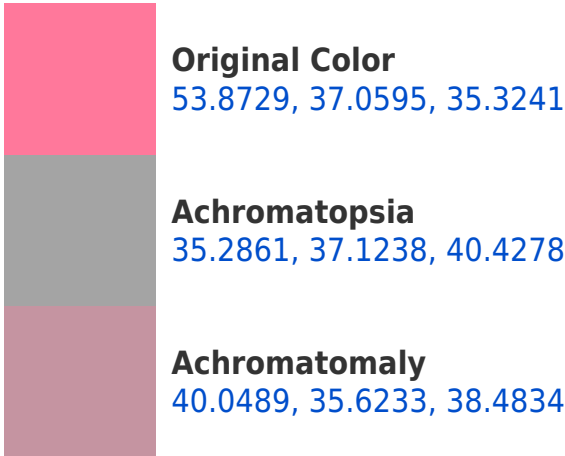
Tritanopia

51.9493, 36.9914, 26.5923

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8729, 37.0595, 35.3241 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, 120, 155) looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 155)  
}
```

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, 120, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 155) }
```

Border

The CSS property to change the border of an element to XYZ 53.8729, 37.0595, 35.3241 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, 120, 155) }
```


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

```
.border{ border-color:rgb(255, 120, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8729, 37.0595, 35.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 155) }
```

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

```
.background{ background-color: rgb(255,  
120, 155) }
```

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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