

Converting Colors

XYZ(53.4775, 37.3195, 39.0351)

Have a look what the booklet for
XYZ(53.4775, 37.3195, 39.0351)
contains.

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Color

**XYZ(53.4775, 37.3195,
39.0351)**

Conversions

Conversions Part 1

Format	Color
Hex	FB7BA3
RGB	251, 123, 163
RGB Percent	98%, 48%, 64%
CMY	0.0157, 0.5176, 0.3608
CMYK	0.00, 0.51, 0.35, 0.02
HSL	341°, 94%, 73%
HSV	341°, 51%, 98%
XYZ	53.4775, 37.3195, 39.0351
YIQ	165.8320, 63.4480, 39.5760

Conversions

Conversions Part 2

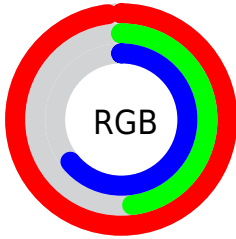
Format	Color
R _Y B	251, 123, 163
Decimal	16481187
CIE Lab	67.52, 52.79, 1.91
CIE LCh	68, 52.828, 2.077
Yxy	37.3195, 0.4119, 0.2874
Android (android.graphics.Color)	4294671267 (0xFFFB7BA3)
YUV	165.8320, -1.3962, 74.6923
Hunter-Lab	61.0897, 49.3507, 4.8776

Details

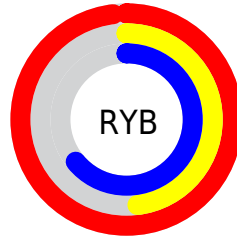
The XYZ color **53.4775, 37.3195, 39.0351** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.4254, 77.9094, 73.8021**, and the grayscale version is **36.1507, 38.0333, 41.4183**.

A 20% lighter version of the original color is **70.0150, 58.5622, 73.9431**, and **26.4222, 16.3583, 16.8038** is the 20% darker color. If you saturate the color by 10%, you get **49.3111, 31.2947, 30.5312**, and if you desaturate by 10%, it is **58.6550, 45.0286, 48.9178**.

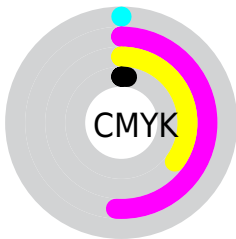
Distribution



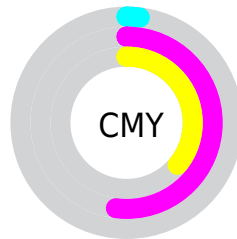
- Red (98%)
- Green (48%)
- Blue (64%)



- Red (98%)
- Yellow (48%)
- Blue (64%)



- Cyan (0%)
- Magenta (51%)
- Yellow (35%)
- Black (2%)





- Cyan (2%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4775, 37.3195, 39.0351 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 53.4775, 37.3195, 39.0351 by changing the saturation by 10% instead.


 53.4775, 37.3195,
39.0351


 53.4775, 37.3195,
39.0351


390.3454,
334.6917, 357.4701


 38.4131, 25.4550,
26.4790


 94.4680, 71.0639,
74.9129

 26.4821, 16.4163,
16.9533


 121.1249, 93.7126,
99.0716

 17.3192, 9.8192,
10.0396


 152.3766,
120.7247, 127.9350

 10.5591, 5.2793,
5.3193

188.5885,
152.4848, 161.9215

 5.8363, 2.4120,
2.3738

230.1260,
189.3771, 201.4498

 2.7855, 0.8321,
0.7721

277.3544,

 1.0414, 0.0000,

231.7861, 246.9382

0.0000

330.6390,
280.0962, 298.8055

■ 0.0000, 0.0000,
0.0000

■ 53.4775, 37.3195,
39.0351

■ 53.4775, 37.3195,
39.0351

■ 49.3111, 31.2947,
30.5312

■ 58.6550, 45.0286,
48.9178

■ 46.0820, 26.8204,
23.3384

■ 64.9043, 54.5309,
60.2379

■ 43.7106, 23.7521,
17.3860

■ 72.2846, 65.9327,
73.0530

■ 42.1015, 21.9142,
12.5940

■ 80.8501, 79.3305,
87.4168

■ 41.1743, 21.0655,
9.1845

■ 90.6510, 94.8140,
103.3800

93.5937, 99.2493,
108.8318

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.1356, 37.3195, 65.3820



53.4775, 37.3195, 39.0351



50.4167, 37.3195, 21.2107

Triad

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



53.4775, 37.3195, 39.0351



27.8075, 37.3195, 13.2986



28.6493, 37.3195, 94.3453

Complementary

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



53.4775, 37.3195, 39.0351



54.4254, 77.9094, 73.8021

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.



23.8161, 37.3195, 69.3134



53.4775, 37.3195, 39.0351



23.3848, 37.3195, 23.0834

Square

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



53.4775, 37.3195, 39.0351



34.9081, 37.3195, 10.3243



22.0420, 37.3195, 42.2772



36.0401, 37.3195, 103.7177

Rectangle

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



53.4775, 37.3195, 39.0351



45.9604, 37.3195, 14.5801



22.0420, 37.3195, 42.2772



26.7130, 37.3195, 87.1092

Sweetspot

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



53.4785, 37.3214, 39.0358



80.0897, 76.3974, 84.4356



51.2086, 34.9034, 95.3049



16.7420, 15.7259, 17.4009



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.



53.4785, 37.3214, 39.0358



51.0942, 32.4090, 31.6020



53.7113, 42.6433, 24.1414



17.4680, 17.3146, 19.0542



21.7004, 11.0959, 5.1305



2.0554, 1.0459, 0.7152

Inverse Universe

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



53.4785, 37.3214, 39.0358



51.0942, 32.4090, 31.6020



53.1977, 66.4077, 101.2811



17.4680, 17.3146, 19.0542



21.7004, 11.0959, 5.1305



2.0554, 1.0459, 0.7152

Previews

White Background



This preview shows how the XYZ color 53.4775, 37.3195, 39.0351 looks on a white background.

Color Contrast Check

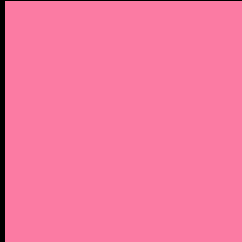
Large Text (above 18pt) WCAG AA × Fail

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 53.4775, 37.3195, 39.0351 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 53.4775, 37.3195, 39.0351

Background



This preview shows how black text looks on a background with the XYZ color 53.4775, 37.3195, 39.0351.



This preview shows how white text looks on a background with the XYZ color 53.4775, 37.3195,

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

53.4775, 37.3195, 39.0351

Protanopia

36.9430, 37.7158, 52.3465

Deuteranopia

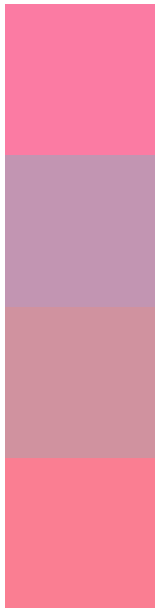
38.2511, 37.4209, 37.1052



Tritanopia

51.3015, 37.3842, 28.1789

Trichromacy



Original Color

53.4775, 37.3195, 39.0351

Protanomaly

41.0315, 36.1786, 46.9401

Deuteranomaly

42.5493, 36.4709, 37.5979

Tritanomaly

52.0735, 37.3210, 31.6532

Monochromacy



Original Color

53.4775, 37.3195, 39.0351

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.7238, 36.3996, 40.4768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4775, 37.3195, 39.0351 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(251, 123, 163)` looks like.

```
.text, #text, p{  
    color:rgb(251, 123, 163)  
}
```

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(251, 123, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 123, 163) }
```

Border

The CSS property to change the border of an element to XYZ 53.4775, 37.3195, 39.0351 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(251, 123, 163) }
```


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

```
.border{ border-color:rgb(251, 123, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 123, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 123, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 123, 163);  
box-shadow:4px 4px 4px 4px rgb(251, 123,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4775, 37.3195, 39.0351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 123, 163) }
```

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

```
.background{ background-color: rgb(251,  
123, 163) }
```

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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