

Converting Colors

XYZ(76.0865, 49.2776, 54.4768)

Have a look what the booklet for
XYZ(76.0865, 49.2776, 54.4768)
contains.

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Color

**XYZ(57.9951, 39.8994,
53.3599)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7EBE
RGB	255, 126, 190
RGB Percent	100%, 49%, 75%
CMY	0.0000, 0.5059, 0.2549
CMYK	0.00, 0.51, 0.25, 0.00
HSL	330°, 100%, 75%
HSV	330°, 51%, 100%
XYZ	57.9951, 39.8994, 53.3599
YIQ	171.8670, 56.3400, 47.2520

Conversions

Conversions Part 2

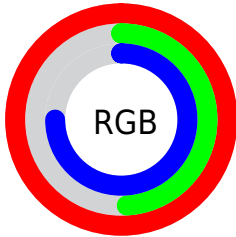
Format	Color
R_{YB}	255, 126, 190
Decimal	16744126
CIE _{Lab}	69.40, 55.99, -10.44
CIE _{LCh}	69, 56.958, 349.434
Yxy	39.8994, 0.3834, 0.2638
Android (android.graphics.Color)	4294934206 (0xFFFF7EBE)
YUV	171.8670, 8.9396, 72.9076
Hunter-Lab	63.1660, 53.3472, -5.8695

Details

The XYZ color **57.9951, 39.8994, 53.3599** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.7699, 79.7180, 61.8471**, and the grayscale version is **39.0830, 41.1183, 44.7779**.

A 20% lighter version of the original color is **74.6025, 61.3697, 95.1023**, and **29.2743, 17.9147, 25.5819** is the 20% darker color. If you saturate the color by 10%, you get **53.7969, 33.6523, 45.3343**, and if you desaturate by 10%, it is **63.1501, 47.8615, 62.3162**.

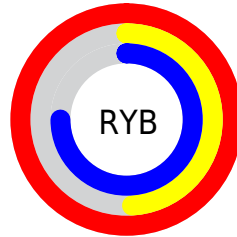
Distribution



Red (100%)

Green (49%)

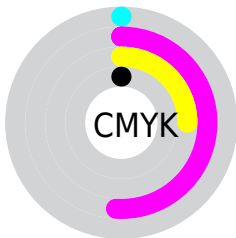
Blue (75%)



Red (100%)

Yellow (49%)

Blue (75%)

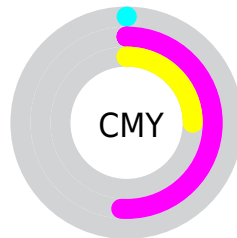


Cyan (0%)

Magenta (51%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9951, 39.8994, 53.3599 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 57.9951, 39.8994, 53.3599 by changing the saturation by 10% instead.


 57.9951, 39.8994,
53.3599


 57.9951, 39.8994,
53.3599


407.1218,
345.6994, 416.7698


 42.0480, 27.4601,
37.7005


 101.0387, 75.0103,
96.5807

 29.3301, 17.9191,
25.4503


 128.8659, 98.4507,
124.9791

 19.4762, 10.8919,
16.1908

 161.3838,
126.3269, 158.4609

 12.1209, 5.9942,
9.5034

198.9579,
159.0234, 197.4446

 6.8989, 2.8416,
4.9697

241.9533,
196.9245, 242.3488

 3.4447, 1.0496,
2.1711

290.7355,

 1.3931, 0.0000,

240.4146, 293.5921

0.6576

345.6699,
289.8781, 351.5929

■ 0.2513, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9951, 39.8994,
53.3599

■ 57.9951, 39.8994,
53.3599

■ 53.7969, 33.6523,
45.3343

■ 63.1501, 47.8615,
62.3162

■ 50.4847, 28.9844,
38.1988

■ 69.3194, 57.6495,
72.2363

■ 47.9824, 25.7484,
31.9122

■ 76.5597, 69.3715,
83.1539

■ 46.1980, 23.7661,
26.4268

■ 84.9222, 83.1255,
95.1004

■ 45.0386, 22.7795,
21.9334

94.4547, 99.0029,
108.1053

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.



52.9302, 39.8994, 85.1718



57.9951, 39.8994, 53.3599



57.0650, 39.8994, 28.7351

Triad

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



57.9951, 39.8994, 53.3599



32.3622, 39.8994, 11.1340



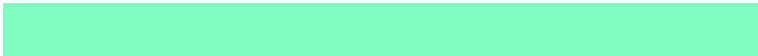
27.5880, 39.8994, 94.1018

Complementary

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



57.9951, 39.8994, 53.3599



53.7699, 79.7180, 61.8471

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.



23.6264, 39.8994, 62.4706



57.9951, 39.8994, 53.3599



26.0602, 39.8994, 18.2127

Square

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



57.9951, 39.8994, 53.3599



41.2437, 39.8994, 10.3396



23.1162, 39.8994, 34.8390



34.7858, 39.8994, 114.2439

Rectangle

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



57.9951, 39.8994, 53.3599



53.2098, 39.8994, 18.6434



23.1162, 39.8994, 34.8390



25.8865, 39.8994, 83.9822

Sweetspot

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



57.9961, 39.9013, 53.3607



81.0890, 76.7971, 89.6977



46.8730, 33.1557, 98.5369



16.9816, 15.8217, 18.6622



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.



57.9961, 39.9013, 53.3607



53.6424, 33.4283, 45.0210



52.4681, 37.6901, 24.2507



18.3851, 18.1374, 20.6452



23.6089, 11.9328, 11.8567



2.3538, 1.1839, 1.4445

Inverse Universe

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



57.9961, 39.9013, 53.3607



53.6424, 33.4283, 45.0210



62.4153, 83.1762, 107.3727



18.3851, 18.1374, 20.6452



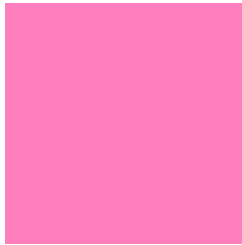
23.6089, 11.9328, 11.8567



2.3538, 1.1839, 1.4445

Previews

White Background



This preview shows how the XYZ color 57.9951, 39.8994, 53.3599 looks on a white background.

Color Contrast Check

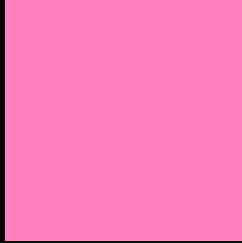
Large Text (above 18pt) WCAG AA × Fail

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 57.9951, 39.8994, 53.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

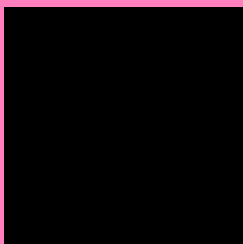
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9951, 39.8994, 53.3599

Background



This preview shows how black text looks on a background with the XYZ color 57.9951, 39.8994, 53.3599.



This preview shows how white text looks on a background with the XYZ color 57.9951, 39.8994,

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

57.9951, 39.8994, 53.3599

Protanopia

40.5621, 40.2353, 71.9580

Deuteranopia

40.9293, 40.0743, 50.9253



Tritanopia

53.5585, 39.8815, 31.6631

Trichromacy



Original Color

57.9951, 39.8994, 53.3599



Protanomaly

44.7687, 38.6740, 64.7798



Deuteranomaly

45.6617, 38.9438, 51.5646



Tritanomaly

54.8292, 39.7712, 38.5050

Monochromacy



Original Color

57.9951, 39.8994, 53.3599



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

44.2151, 39.2539, 47.8942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9951, 39.8994, 53.3599 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, 126, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 190)  
}
```

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, 126, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 190) }
```

Border

The CSS property to change the border of an element to XYZ 57.9951, 39.8994, 53.3599 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, 126, 190) }
```


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

```
.border{ border-color:rgb(255, 126, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9951, 39.8994, 53.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 190) }
```

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

```
.background{ background-color: rgb(255,  
126, 190) }
```

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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