

Converting Colors

XYZ(57.7405, 39.5659, 52.7332)

Have a look what the booklet for
XYZ(57.7405, 39.5659, 52.7332)
contains.

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Color

**XYZ(57.7589, 39.6014,
52.7437)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DBD
RGB	255, 125, 189
RGB Percent	100%, 49%, 74%
CMY	0.0000, 0.5098, 0.2588
CMYK	0.00, 0.51, 0.26, 0.00
HSL	330°, 100%, 75%
HSV	330°, 51%, 100%
XYZ	57.7589, 39.6014, 52.7437
YIQ	171.1660, 56.9360, 47.4640

Conversions

Conversions Part 2

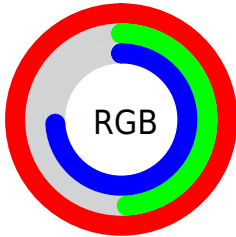
Format	Color
RYB	255, 125, 189
Decimal	16743869
CIELab	69.18, 56.33, -10.20
CIElCh	69, 57.251, 349.735
Yxy	39.6014, 0.3848, 0.2638
Android (android.graphics.Color)	4294933949 (0xFFFF7DBD)
YUV	171.1660, 8.7922, 73.5224
Hunter-Lab	62.9296, 53.7063, -5.6424

Details

The XYZ color **57.7589, 39.6014, 52.7437** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.6233, 79.6424, 61.8405**, and the grayscale version is **38.7306, 40.7476, 44.3741**.

A 20% lighter version of the original color is **74.2453, 60.9003, 94.2280**, and **29.1398, 17.7600, 25.1847** is the 20% darker color. If you saturate the color by 10%, you get **53.5919, 33.4169, 44.7278**, and if you desaturate by 10%, it is **62.8820, 47.4968, 61.6981**.

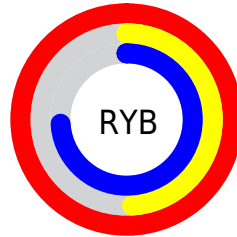
Distribution



Red (100%)

Green (49%)

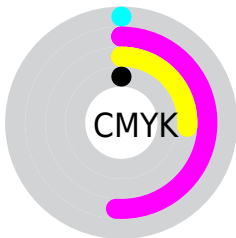
Blue (74%)



Red (100%)

Yellow (49%)

Blue (74%)

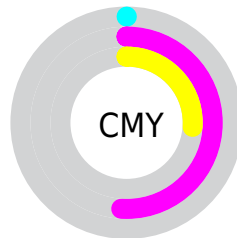


Cyan (0%)

Magenta (51%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7589, 39.6014, 52.7437 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 57.7589, 39.6014, 52.7437 by changing the saturation by 10% instead.


 57.7589, 39.6014,
52.7437


 57.7589, 39.6014,
52.7437


406.2553,
344.4407, 414.3394


 41.8574, 27.2279,
37.2119

 100.6967, 74.5562,
95.6648

 29.1802, 17.7445,
25.0745


 128.4636, 97.9062,
123.8912

 19.3622, 10.7667,
15.9131


 160.9164,
125.6839, 157.1863

 12.0378, 5.9102,
9.3090

198.4203,
158.2736, 195.9684

 6.8418, 2.7905,
4.8437

241.3409,
196.0597, 240.6563

 3.4088, 1.0234,
2.0987

290.0433,

 1.3735, 0.0000,

239.4267, 291.6684

0.6150

344.8930,
288.7589, 349.4232

■ 0.2372, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7589, 39.6014,
52.7437

■ 57.7589, 39.6014,
52.7437

■ 53.5919, 33.4169,
44.7278

■ 62.8820, 47.4968,
61.6981

■ 50.3098, 28.8068,
37.6094

■ 69.0190, 57.2145,
71.6246

■ 47.8358, 25.6228,
31.3464

■ 76.2267, 68.8630,
82.5574

■ 46.0773, 23.6854,
25.8905

■ 84.5567, 82.5405,
94.5283

■ 44.9758, 22.7543,
21.6023

94.0569, 98.3388,
107.5672

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.



52.7368, 39.6014, 84.6103



57.7589, 39.6014, 52.7437



56.7638, 39.6014, 28.2353

Triad

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



57.7589, 39.6014, 52.7437



32.0022, 39.6014, 10.9412



27.3685, 39.6014, 94.1756

Complementary

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



57.7589, 39.6014, 52.7437



53.6233, 79.6424, 61.8405

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.



23.3806, 39.6014, 62.4853



57.7589, 39.6014, 52.7437



25.7400, 39.6014, 18.0500

Square

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



57.7589, 39.6014, 52.7437



40.8655, 39.6014, 10.1002



22.8372, 39.6014, 34.7431



34.5887, 39.6014, 114.2013

Rectangle

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



57.7589, 39.6014, 52.7437



52.8681, 39.6014, 18.2508



22.8372, 39.6014, 34.7431



25.6588, 39.6014, 84.0511

Sweetspot

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



57.7600, 39.6033, 52.7445



81.0678, 76.7887, 89.5862



46.6207, 32.8368, 98.4887



16.9765, 15.8197, 18.6354



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.



57.7600, 39.6033, 52.7445



53.5835, 33.4048, 44.7107



52.2767, 37.4100, 23.8702



18.3821, 18.1362, 20.6295



23.5759, 11.9196, 11.6830



2.3505, 1.1826, 1.4273

Inverse Universe

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



57.7600, 39.6033, 52.7445



53.5835, 33.4048, 44.7107



62.2686, 83.1005, 107.3659



18.3821, 18.1362, 20.6295



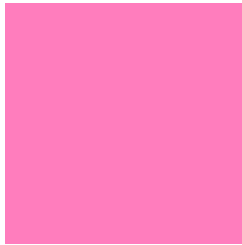
23.5759, 11.9196, 11.6830



2.3505, 1.1826, 1.4273

Previews

White Background



This preview shows how the XYZ color 57.7589, 39.6014, 52.7437 looks on a white background.

Color Contrast Check

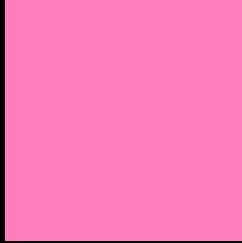
Large Text (above 18pt) WCAG AA × Fail

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 57.7589, 39.6014, 52.7437 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 57.7589, 39.6014, 52.7437

Background



This preview shows how black text looks on a background with the XYZ color 57.7589, 39.6014, 52.7437.



This preview shows how white text looks on a background with the XYZ color 57.7589, 39.6014,

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

57.7589, 39.6014, 52.7437

Protanopia

40.0534, 39.7151, 71.2004

Deuteranopia

40.6451, 39.6731, 50.3152



Tritanopia

53.3428, 39.5730, 31.2124

Trichromacy



Original Color

57.7589, 39.6014, 52.7437



Protanomaly

44.2289, 38.1679, 64.0675



Deuteranomaly

45.3954, 38.5809, 50.9532



Tritanomaly

54.6063, 39.4661, 37.9974

Monochromacy



Original Color

57.7589, 39.6014, 52.7437



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

43.9486, 38.8821, 47.3081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7589, 39.6014, 52.7437 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, 125, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 189)  
}
```

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, 125, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 189) }
```

Border

The CSS property to change the border of an element to XYZ 57.7589, 39.6014, 52.7437 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, 125, 189) }
```


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

```
.border{ border-color:rgb(255, 125, 189) }
```

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

Here you see how a box with a 4 pixel rgb(255, 125, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7589, 39.6014, 52.7437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 189) }
```

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

```
.background{ background-color: rgb(255,  
125, 189) }
```

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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