

Converting Colors

XYZ(58.0022, 39.6991, 54.0236)

Have a look what the booklet for
XYZ(58.0022, 39.6991, 54.0236)
contains.

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Color

**XYZ(57.9776, 39.6888,
53.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DBF
RGB	255, 125, 191
RGB Percent	100%, 49%, 75%
CMY	0.0000, 0.5098, 0.2510
CMYK	0.00, 0.51, 0.25, 0.00
HSL	330°, 100%, 75%
HSV	330°, 51%, 100%
XYZ	57.9776, 39.6888, 53.8952
YIQ	171.3940, 56.2940, 48.0860

Conversions

Conversions Part 2

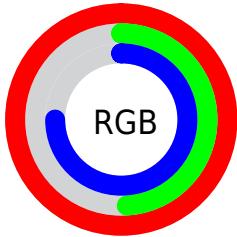
Format	Color
R _Y B	255, 125, 191
Decimal	16743871
CIE Lab	69.25, 56.60, -11.23
CIE LCh	69, 57.702, 348.778
Yxy	39.6888, 0.3825, 0.2619
Android (android.graphics.Color)	4294933951 (0xFFFF7DBF)
YUV	171.3940, 9.6658, 73.3225
Hunter-Lab	62.9990, 54.0240, -6.6228

Details

The XYZ color **57.9776, 39.6888, 53.8952** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.4045, 79.5549, 60.6886**, and the grayscale version is **38.8410, 40.8638, 44.5007**.

A 20% lighter version of the original color is **74.5524, 61.0231, 95.8450**, and **29.2833, 17.8174, 25.9405** is the 20% darker color. If you saturate the color by 10%, you get **53.8308, 33.5124, 45.9862**, and if you desaturate by 10%, it is **63.0732, 47.5732, 62.7057**.

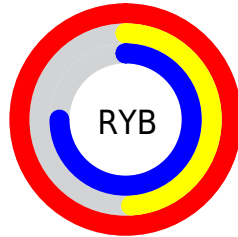
Distribution



Red (100%)

Green (49%)

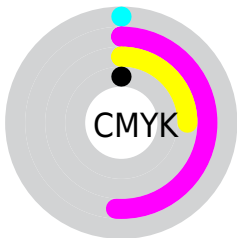
Blue (75%)



Red (100%)

Yellow (49%)

Blue (75%)

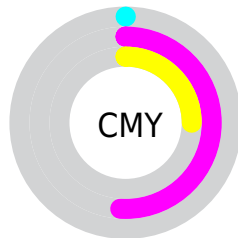


Cyan (0%)

Magenta (51%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9776, 39.6888, 53.8952 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 57.9776, 39.6888, 53.8952 by changing the saturation by 10% instead.


 57.9776, 39.6888,
53.8952


 57.9776, 39.6888,
53.8952


407.0577,
344.8102, 418.8736


 42.0338, 27.2960,
38.1253


 101.0134, 74.6894,
97.3752

 29.3190, 17.7956,
25.7773


 128.8361, 98.0660,
125.9224

 19.4678, 10.8034,
16.4329


 161.3492,
125.8726, 159.5657

 12.1148, 5.9348,
9.6733

198.9180,
158.4937, 198.7237

 6.8946, 2.8055,
5.0801

241.9079,
196.3135, 243.8150

 3.4420, 1.0310,
2.2348

290.6843,

 1.3916, 0.0000,

239.7167, 295.2580

0.6943

345.6124,
289.0874, 353.4713

■ 0.2502, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9776, 39.6888,
53.8952

■ 57.9776, 39.6888,
53.8952

■ 53.8308, 33.5124,
45.9862

■ 63.0732, 47.5732,
62.7057

■ 50.5623, 28.9077,
38.9393

■ 69.1756, 57.2770,
72.4497

■ 48.0955, 25.7267,
32.7143

■ 76.3410, 68.9085,
83.1600

■ 46.3381, 23.7897,
27.2644

■ 84.6209, 82.5660,
94.8670

■ 45.2329, 22.8571,
22.9561

94.0629, 98.3410,
107.5993

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.



52.7311, 39.6888, 86.1788



57.9776, 39.6888, 53.8952



57.1741, 39.6888, 28.8139

Triad

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



57.9776, 39.6888, 53.8952



32.2866, 39.6888, 10.7189



27.1821, 39.6888, 93.9136

Complementary

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



57.9776, 39.6888, 53.8952



53.4045, 79.5549, 60.6886

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.



23.2751, 39.6888, 61.7557



57.9776, 39.6888, 53.8952



25.8727, 39.6888, 17.6036

Square

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



57.9776, 39.6888, 53.8952



41.2883, 39.6888, 10.0481



22.8385, 39.6888, 34.0470



34.3691, 39.6888, 114.8294

Rectangle

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



57.9776, 39.6888, 53.8952



53.3425, 39.6888, 18.5332



22.8385, 39.6888, 34.0470



25.4956, 39.6888, 83.5711

Sweetspot

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



57.9786, 39.6907, 53.8960



81.1533, 76.8228, 90.0363



46.0834, 32.5597, 98.4635



16.9970, 15.8279, 18.7436



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.



57.9786, 39.6907, 53.8960



53.8226, 33.5004, 45.9695



52.4166, 37.4659, 24.6071



18.3942, 18.1410, 20.6930



23.7108, 11.9736, 12.3933



2.3638, 1.1879, 1.4973

Inverse Universe

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



57.9786, 39.6907, 53.8960



53.8226, 33.5004, 45.9695



61.9216, 82.9617, 105.5391



18.3942, 18.1410, 20.6930



23.7108, 11.9736, 12.3933



2.3638, 1.1879, 1.4973

Previews

White Background



This preview shows how the XYZ color 57.9776, 39.6888, 53.8952 looks on a white background.

Color Contrast Check

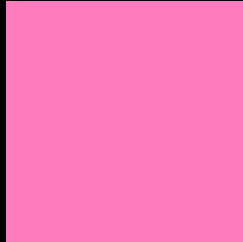
Large Text (above 18pt) WCAG AA × Fail

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 57.9776, 39.6888, 53.8952 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 57.9776, 39.6888, 53.8952

Background



This preview shows how black text looks on a background with the XYZ color 57.9776, 39.6888, 53.8952.



This preview shows how white text looks on a background with the XYZ color 57.9776, 39.6888,

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

57.9776, 39.6888, 53.8952

Protanopia

40.6312, 40.2405, 73.3358

Deuteranopia

40.6973, 39.9547, 50.9144



Tritanopia

53.4817, 39.8508, 31.2587

Trichromacy



Original Color

57.9776, 39.6888, 53.8952



Protanomaly

44.4751, 38.2664, 65.3637



Deuteranomaly

45.6081, 38.6659, 52.0732



Tritanomaly

54.6942, 39.5013, 38.4600

Monochromacy



Original Color

57.9776, 39.6888, 53.8952



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 57.9776, 39.6888, 53.8952 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 191) }
```

Border

The CSS property to change the border of an element to XYZ 57.9776, 39.6888, 53.8952 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, 191) }
```


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

```
.border{ border-color:rgb(255, 125, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9776, 39.6888, 53.8952 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
125, 191) }
```

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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