

Converting Colors

XYZ(57.8189, 39.6194, 79.3571)

Have a look what the booklet for
XYZ(57.8189, 39.6194, 79.3571)
contains.

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Color

**XYZ(57.9373, 39.6768,
79.4677)**

Conversions

Conversions Part 1

Format	Color
Hex	F080E6
RGB	240, 128, 230
RGB Percent	94%, 50%, 90%
CMY	0.0588, 0.4980, 0.0980
CMYK	0.00, 0.47, 0.04, 0.06
HSL	305°, 79%, 72%
HSV	305°, 47%, 94%
XYZ	57.9373, 39.6768, 79.4677
YIQ	173.1160, 34.0100, 55.4660

Conversions

Conversions Part 2

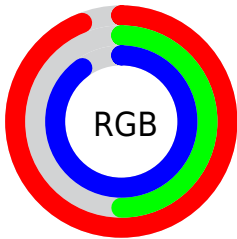
Format	Color
R _Y B	240, 128, 230
Decimal	15761638
CIE Lab	69.24, 56.54, -33.11
CIE LCh	69, 65.517, 329.648
Yxy	39.6768, 0.3272, 0.2241
Android (android.graphics.Color)	4293951718 (0xFFFF080E6)
YUV	173.1160, 28.0438, 58.6573
Hunter-Lab	62.9895, 53.9513, -30.7077

Details

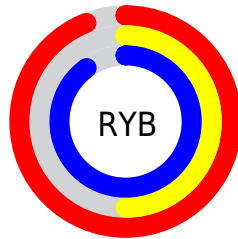
The XYZ color **57.9373, 39.6768, 79.4677** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **44.6514, 68.7458, 34.9631**, and the grayscale version is **39.6303, 41.6942, 45.4050**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **29.3139, 17.7662, 41.9286** is the 20% darker color. If you saturate the color by 10%, you get **54.8704, 34.0208, 76.9699**, and if you desaturate by 10%, it is **61.7508, 46.8183, 82.2333**.

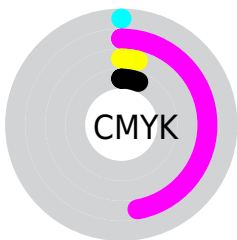
Distribution



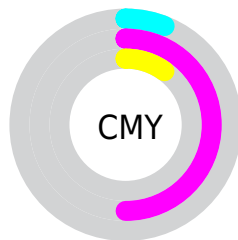
- Red (94%)
- Green (50%)
- Blue (90%)



- Red (94%)
- Yellow (50%)
- Blue (90%)



- Cyan (0%)
- Magenta (47%)
- Yellow (4%)
- Black (6%)





- Cyan (6%)
- Magenta (50%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9373, 39.6768, 79.4677 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 57.9373, 39.6768, 79.4677 by changing the saturation by 10% instead.


 57.9373, 39.6768,
79.4677


 57.9373, 39.6768,
79.4677


406.9099,
344.7594, 512.7965


 42.0013, 27.2866,
58.7568

 100.9550, 74.6711,
134.4217

 29.2934, 17.7886,
41.9987


 128.7675, 98.0440,
169.5019

 19.4483, 10.7983,
28.7747


 161.2695,
125.8467, 210.2090

 12.1006, 5.9314,
18.6663

198.8264,
158.4634, 256.9616

 6.8849, 2.8034,
11.2551

241.8035,
196.2787, 310.1780

 3.4359, 1.0300,
6.1223

290.5662,

 1.3883, 0.0000,

239.6769, 370.2770

2.8496

345.4799,
289.0423, 437.6770

■ 0.2478, 0.0000,
1.0184

■ 0.0000, 0.0000,
0.0000

■ 57.9373, 39.6768,
79.4677

■ 57.9373, 39.6768,
79.4677

■ 54.8704, 34.0208,
76.9699

■ 61.7508, 46.8183,
82.2333

■ 52.4930, 29.7390,
74.7199


■ 66.3547, 55.5356,
85.2804


■ 50.7466, 26.7130,
72.6982


■ 71.7943, 65.9181,
88.6244


■ 49.5606, 24.8021,
70.8814


■ 78.1100, 78.0471,
92.2788


 48.8463, 23.8288,
69.2399


 85.3399, 91.9983,
96.2565

 48.6653, 23.6174,
68.7154

 87.8521, 96.5081,
98.6803

 88.1774, 96.6382,
100.3937

 88.5066, 96.7699,
102.1271

 88.8396, 96.9031,
103.8805

Harmonies

Analogous

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



48.5976, 39.6768, 115.3823



57.9373, 39.6768, 79.4677



61.6969, 39.6768, 43.5570

Triad

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



57.9373, 39.6768, 79.4677



37.8356, 39.6768, 7.3537



22.7553, 39.6768, 78.5489

Complementary

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



57.9373, 39.6768, 79.4677



44.6514, 68.7458, 34.9631

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.



20.9211, 39.6768, 42.8475



57.9373, 39.6768, 79.4677



28.5863, 39.6768, 9.9299

Square

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



57.9373, 39.6768, 79.4677



48.8521, 39.6768, 10.0636



22.8438, 39.6768, 20.0886



28.4083, 39.6768, 114.7008

Rectangle

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



57.9373, 39.6768, 79.4677



60.0808, 39.6768, 26.5404



22.8438, 39.6768, 20.0886



21.7240, 39.6768, 65.6865

Sweetspot

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



57.9386, 39.6786, 79.4685



84.1908, 79.0961, 102.7692



33.8205, 27.0783, 85.8832



17.7009, 16.3177, 21.8083



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.



57.9386, 39.6786, 79.4685



63.1207, 39.3183, 88.4628



51.3611, 37.0476, 44.8319



16.3898, 16.0056, 19.6091



26.6655, 12.9386, 37.7509



2.2360, 1.0835, 3.2337

Inverse Universe

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



57.9386, 39.6786, 79.4685



63.1207, 39.3183, 88.4628



49.7267, 70.7759, 61.6894



16.3898, 16.0056, 19.6091



26.6655, 12.9386, 37.7509



2.2360, 1.0835, 3.2337

Previews

White Background



This preview shows how the XYZ color 57.9373, 39.6768, 79.4677 looks on a white background.

Color Contrast Check

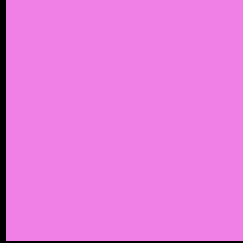
Large Text (above 18pt) WCAG AA × Fail

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 57.9373, 39.6768, 79.4677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

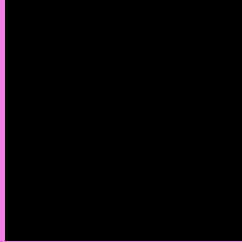
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9373, 39.6768, 79.4677

Background



This preview shows how black text looks on a background with the XYZ color 57.9373, 39.6768, 79.4677.



This preview shows how white text looks on a background with the XYZ color 57.9373, 39.6768,

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

57.9373, 39.6768, 79.4677

Protanopia

42.5162, 40.3464, 100.1545

Deuteranopia

41.0426, 40.1332, 75.3953



Tritanopia

49.0811, 39.6400, 36.5169

Trichromacy



Original Color

57.9373, 39.6768, 79.4677



Protanomaly

45.9303, 38.6664, 92.2313



Deuteranomaly

45.6122, 38.8382, 77.0440



Tritanomaly

51.7115, 39.3766, 49.6747

Monochromacy



Original Color

57.9373, 39.6768, 79.4677



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.8205, 39.8793, 56.3741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9373, 39.6768, 79.4677 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(240, 128, 230)` looks like.

```
.text, #text, p{  
    color:rgb(240, 128, 230)  
}
```

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(240, 128, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 128, 230) }
```

Border

The CSS property to change the border of an element to XYZ 57.9373, 39.6768, 79.4677 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(240, 128, 230) }
```


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

```
.border{ border-color:rgb(240, 128, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 128, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 128, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 128, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 128,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9373, 39.6768, 79.4677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 128, 230) }
```

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

```
.background{ background-color: rgb(240,  
128, 230) }
```

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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