

Converting Colors

XYZ(57.9052, 39.8744, 72.1916)

Have a look what the booklet for
XYZ(57.9052, 39.8744, 72.1916)
contains.

XYZ(57.9457, 39.8387, 72.3457)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.9457, 39.8387,
72.3457)**

Conversions

Conversions Part 1

Format	Color
Hex	F480DC
RGB	244, 128, 220
RGB Percent	96%, 50%, 86%
CMY	0.0431, 0.4980, 0.1373
CMYK	0.00, 0.48, 0.10, 0.04
HSL	312°, 84%, 73%
HSV	312°, 48%, 96%
XYZ	57.9457, 39.8387, 72.3457
YIQ	173.1720, 39.6040, 53.2040

Conversions

Conversions Part 2

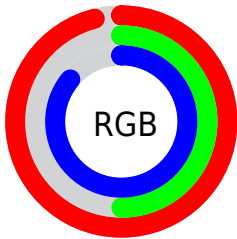
Format	Color
RYB	244, 128, 220
Decimal	16023772
CIELab	69.35, 56.06, -27.36
CIELCh	69, 62.378, 333.986
Yxy	39.8387, 0.3406, 0.2342
Android (android.graphics.Color)	4294213852 (0xFFFF480DC)
YUV	173.1720, 23.0862, 62.1162
Hunter-Lab	63.1179, 53.4165, -23.7756

Details

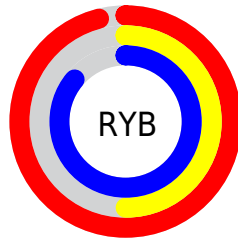
The XYZ color **57.9457, 39.8387, 72.3457** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **46.9221, 71.5590, 41.0478**, and the grayscale version is **39.6812, 41.7477, 45.4633**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **29.4238, 17.9208, 37.5056** is the 20% darker color. If you saturate the color by 10%, you get **54.4790, 33.9586, 67.9410**, and if you desaturate by 10%, it is **62.2003, 47.2608, 77.1134**.

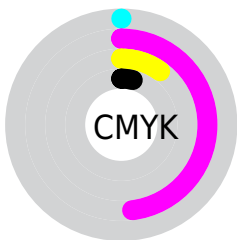
Distribution



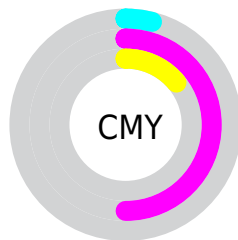
- Red (96%)
- Green (50%)
- Blue (86%)



- Red (96%)
- Yellow (50%)
- Blue (86%)



- Cyan (0%)
- Magenta (48%)
- Yellow (10%)
- Black (4%)




- Cyan (4%)
- Magenta (50%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9457, 39.8387, 72.3457 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 57.9457, 39.8387, 72.3457 by changing the saturation by 10% instead.


 57.9457, 39.8387,
72.3457


 57.9457, 39.8387,
72.3457


406.9407,
345.4432, 487.7538


 42.0081, 27.4128,
52.9526


 100.9672, 74.9178,
124.2602

 29.2988, 17.8835,
37.3774


 128.7818, 98.3399,
157.6186

 19.4524, 10.8664,
25.2018


 161.2861,
126.1960, 196.4692

 12.1035, 5.9771,
16.0071

198.8455,
158.8708, 241.2305

 6.8869, 2.8311,
9.3747

241.8253,
196.7485, 292.3211

 3.4372, 1.0442,
4.8863

290.5908,

 1.3890, 0.0000,

240.2135, 350.1595

2.1231

345.5075,
289.6503, 415.1642

■ 0.2483, 0.0000,
0.6295

■ 0.0000, 0.0000,
0.0000

■ 57.9457, 39.8387,
72.3457

■ 57.9457, 39.8387,
72.3457

■ 54.4790, 33.9586,
67.9410

■ 62.2003, 47.2608,
77.1134

■ 51.7404, 29.5033,
63.8774

■ 67.2892, 56.3198,
82.2593

■ 49.6676, 26.3480,
60.1337

■ 73.2600, 67.1095,
87.8006

■ 48.1860, 24.3436,
56.6840

■ 80.1553, 79.7151,
93.7521

■ 47.1968, 23.2929,
53.4946

■ 88.0150, 94.2161,
100.1281

■ 46.9919, 23.1066,
52.7371

■ 90.3699, 97.6738,
104.7730

■ 91.1187, 97.9733,
108.7160

Harmonies

Analogous

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



49.6845, 39.8387, 107.0720



57.9457, 39.8387, 72.3457



60.5120, 39.8387, 39.6547

Triad

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



57.9457, 39.8387, 72.3457



36.5422, 39.8387, 8.3395



24.0355, 39.8387, 82.0945

Complementary

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



57.9457, 39.8387, 72.3457



46.9221, 71.5590, 41.0478

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.



21.7185, 39.8387, 47.3264



57.9457, 39.8387, 72.3457



28.0873, 39.8387, 11.8324

Square

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



57.9457, 39.8387, 72.3457



46.9564, 39.8387, 10.2917



23.0600, 39.8387, 23.4042



30.0309, 39.8387, 114.2298

Rectangle

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



57.9457, 39.8387, 72.3457



58.3289, 39.8387, 24.5960



23.0600, 39.8387, 23.4042



22.8538, 39.8387, 69.8868

Sweetspot

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



57.9470, 39.8406, 72.3465



83.5332, 78.8330, 99.3064



36.8498, 28.5705, 89.1615



17.5392, 16.2530, 20.9566



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.



57.9470, 39.8406, 72.3465



60.3587, 37.7687, 75.2898



51.6220, 37.3105, 39.0394



17.0581, 16.7061, 20.0527



25.6025, 12.5844, 28.9449



2.2863, 1.1205, 2.7341

Inverse Universe

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



57.9470, 39.8406, 72.3465



60.3587, 37.7687, 75.2898



52.7878, 73.9053, 71.9362



17.0581, 16.7061, 20.0527



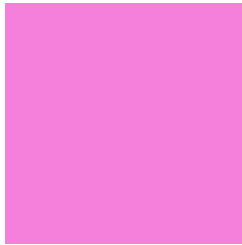
25.6025, 12.5844, 28.9449



2.2863, 1.1205, 2.7341

Previews

White Background



This preview shows how the XYZ color 57.9457, 39.8387, 72.3457 looks on a white background.

Color Contrast Check

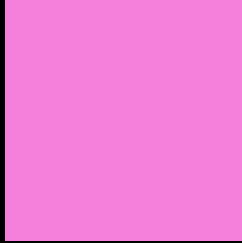
Large Text (above 18pt) WCAG AA × Fail

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 57.9457, 39.8387, 72.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

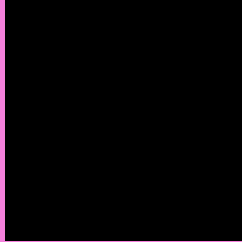
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9457, 39.8387, 72.3457

Background



This preview shows how black text looks on a background with the XYZ color 57.9457, 39.8387, 72.3457.



This preview shows how white text looks on a background with the XYZ color 57.9457, 39.8387,

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

57.9457, 39.8387, 72.3457

Protanopia

42.2294, 40.2903, 95.9936

Deuteranopia

40.9563, 39.9690, 68.5070



Tritanopia

50.1643, 39.7777, 35.1709

Trichromacy



Original Color

57.9457, 39.8387, 72.3457



Protanomaly

45.5616, 38.5982, 86.7102



Deuteranomaly

45.6152, 38.7518, 70.0414



Tritanomaly

52.6209, 39.7020, 46.4848

Monochromacy



Original Color

57.9457, 39.8387, 72.3457



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.9044, 39.9738, 54.0642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9457, 39.8387, 72.3457 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(244, 128, 220)` looks like.

```
.text, #text, p{  
    color:rgb(244, 128, 220)  
}
```

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(244, 128, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 128, 220) }
```

Border

The CSS property to change the border of an element to XYZ 57.9457, 39.8387, 72.3457 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(244, 128, 220) }
```


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

```
.border{ border-color:rgb(244, 128, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 128, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 128, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 128, 220);  
box-shadow:4px 4px 4px 4px rgb(244, 128,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9457, 39.8387, 72.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 128, 220) }
```

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

```
.background{ background-color: rgb(244,  
128, 220) }
```

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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