

Converting Colors

XYZ(57.4000, 39.6025, 71.2080)

Have a look what the booklet for
XYZ(57.4000, 39.6025, 71.2080)
contains.

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Color

**XYZ(57.3362, 39.5550,
70.9426)**

Conversions

Conversions Part 1

Format	Color
Hex	F380DA
RGB	243, 128, 218
RGB Percent	95%, 50%, 85%
CMY	0.0471, 0.4980, 0.1451
CMYK	0.00, 0.47, 0.10, 0.05
HSL	313°, 83%, 73%
HSV	313°, 47%, 95%
XYZ	57.3362, 39.5550, 70.9426
YIQ	172.6450, 39.6500, 52.3700

Conversions

Conversions Part 2

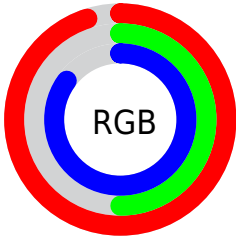
Format	Color
R _Y B	243, 128, 218
Decimal	15958234
CIE Lab	69.15, 55.44, -26.57
CIE LCh	69, 61.481, 334.392
Yxy	39.5550, 0.3416, 0.2357
Android (android.graphics.Color)	4294148314 (0xFFFF380DA)
YUV	172.6450, 22.3600, 61.7013
Hunter-Lab	62.8928, 52.6672, -22.8538

Details

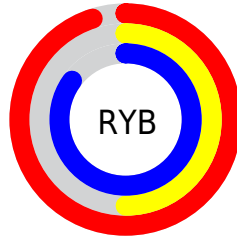
The XYZ color **57.3362, 39.5550, 70.9426** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **46.7042, 70.9916, 41.3810**, and the grayscale version is **39.4169, 41.4697, 45.1605**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **29.0010, 17.7237, 36.5428** is the 20% darker color. If you saturate the color by 10%, you get **53.8577, 33.6862, 66.4266**, and if you desaturate by 10%, it is **61.5981, 46.9540, 75.8292**.

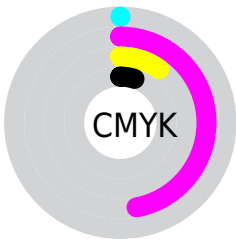
Distribution



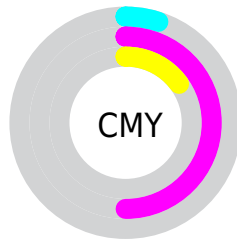
- Red (95%)
- Green (50%)
- Blue (85%)



- Red (95%)
- Yellow (50%)
- Blue (85%)



- Cyan (0%)
- Magenta (47%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3362, 39.5550, 70.9426 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 57.3362, 39.5550, 70.9426 by changing the saturation by 10% instead.


 57.3362, 39.5550,
70.9426


 57.3362, 39.5550,
70.9426


404.7017,
344.2444, 482.7310

 41.5164, 27.1918,
51.8138

 100.0841, 74.4854,
122.2457

 28.9123, 17.7173,
36.4755


 127.7430, 97.8214,
155.2571

 19.1584, 10.7472,
24.5090


 160.0789,
125.5837, 193.7330

 11.8895, 5.8971,
15.4960

197.4572,
158.1567, 238.0922

 6.7401, 2.7826,
9.0177

240.2433,
195.9249, 288.7530

 3.3450, 1.0193,
4.6558

288.8025,

 1.3387, 0.0000,

239.2727, 346.1340

1.9916

343.5002,
288.5844, 410.6539

■ 0.2119, 0.0000,
0.5501

■ 0.0000, 0.0000,
0.0000

■ 57.3362, 39.5550,
70.9426

■ 57.3362, 39.5550,
70.9426

■ 53.8577, 33.6862,
66.4266

■ 61.5981, 46.9540,
75.8292

■ 51.1036, 29.2319,
62.2595

■ 66.6894, 55.9769,
81.1016

■ 49.0124, 26.0688,
58.4200

■ 72.6570, 66.7165,
86.7767

■ 47.5105, 24.0499,
54.8827

■ 79.5432, 79.2569,
92.8697

■ 46.5017, 22.9835,
51.6144

■ 87.3873, 93.6769,
99.3946

■ 46.2755, 22.7801,
50.7717

■ 89.9305, 97.4581,
104.2661

■ 90.7695, 97.7937,
108.6839

■ 90.7725, 97.7949,
108.6998

Harmonies

Analogous

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



49.3093, 39.5550, 104.9247



57.3362, 39.5550, 70.9426



59.7547, 39.5550, 39.0562

Triad

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



57.3362, 39.5550, 70.9426



36.1674, 39.5550, 8.5104



24.0613, 39.5550, 81.4317

Complementary

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



57.3362, 39.5550, 70.9426



46.7042, 70.9916, 41.3810

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.



21.7294, 39.5550, 47.3469



57.3362, 39.5550, 70.9426



27.9019, 39.5550, 12.0714

Square

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



57.3362, 39.5550, 70.9426



46.3669, 39.5550, 10.3822



23.0026, 39.5550, 23.6602



30.0071, 39.5550, 112.6077

Rectangle

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



57.3362, 39.5550, 70.9426



57.5609, 39.5550, 24.3648



23.0026, 39.5550, 23.6602



22.8808, 39.5550, 69.5018

Sweetspot

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



57.3375, 39.5568, 70.9434



83.4752, 78.8099, 99.0011



37.0199, 28.6758, 88.3786



17.5250, 16.2473, 20.8817



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.



57.3375, 39.5568, 70.9434



60.1516, 37.6858, 74.1992



51.0792, 37.0535, 37.9880



17.0504, 16.7030, 20.0117



25.4496, 12.5233, 28.1398



2.2741, 1.1156, 2.6698

Inverse Universe

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



57.3375, 39.5568, 70.9434



60.1516, 37.6858, 74.1992



52.6391, 73.3655, 72.6335



17.0504, 16.7030, 20.0117



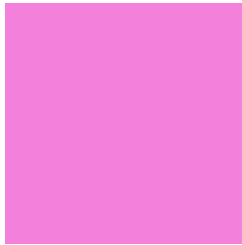
25.4496, 12.5233, 28.1398



2.2741, 1.1156, 2.6698

Previews

White Background



This preview shows how the XYZ color 57.3362, 39.5550, 70.9426 looks on a white background.

Color Contrast Check

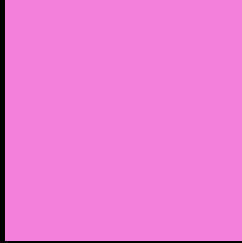
Large Text (above 18pt) WCAG AA × Fail

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 57.3362, 39.5550, 70.9426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

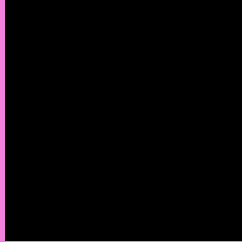
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3362, 39.5550, 70.9426

Background



This preview shows how black text looks on a background with the XYZ color 57.3362, 39.5550, 70.9426.



This preview shows how white text looks on a background with the XYZ color 57.3362, 39.5550,

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

57.3362, 39.5550, 70.9426

Protanopia

41.9349, 40.1925, 93.5434

Deuteranopia

40.7039, 39.8681, 67.1780



Tritanopia

50.0148, 39.4788, 35.1211

Trichromacy



Original Color

57.3362, 39.5550, 70.9426



Protanomaly

45.1220, 38.4223, 84.3949



Deuteranomaly

45.3582, 38.6490, 68.6877



Tritanomaly

52.4781, 39.4164, 46.4372

Monochromacy



Original Color

57.3362, 39.5550, 70.9426



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.5310, 39.7938, 53.4781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3362, 39.5550, 70.9426 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(243, 128, 218)` looks like.

```
.text, #text, p{  
    color:rgb(243, 128, 218)  
}
```

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(243, 128, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 128, 218) }
```

Border

The CSS property to change the border of an element to XYZ 57.3362, 39.5550, 70.9426 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(243, 128, 218) }
```


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

```
.border{ border-color:rgb(243, 128, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 128, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 128, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 128, 218);  
box-shadow:4px 4px 4px 4px rgb(243, 128,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3362, 39.5550, 70.9426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 128, 218) }
```

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

```
.background{ background-color: rgb(243,  
128, 218) }
```

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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