

Converting Colors

XYZ(55.5160, 37.9357, 70.7270)

Have a look what the booklet for
XYZ(55.5160, 37.9357, 70.7270)
contains.

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Color

**XYZ(55.4591, 37.8280,
70.7082)**

Conversions

Conversions Part 1

Format	Color
Hex	EF7CDA
RGB	239, 124, 218
RGB Percent	94%, 49%, 85%
CMY	0.0627, 0.5137, 0.1451
CMYK	0.00, 0.48, 0.09, 0.06
HSL	311°, 78%, 71%
HSV	311°, 48%, 94%
XYZ	55.4591, 37.8280, 70.7082
YIQ	169.1010, 38.3660, 53.6140

Conversions

Conversions Part 2

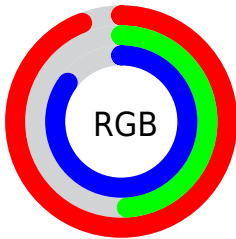
Format	Color
R _Y B	239, 124, 218
Decimal	15695066
CIE Lab	67.89, 56.20, -28.55
CIE LCh	68, 63.038, 333.070
Yxy	37.8280, 0.3382, 0.2307
Android (android.graphics.Color)	4293885146 (0xFFEF7CDA)
YUV	169.1010, 24.1072, 61.3014
Hunter-Lab	61.5045, 53.3221, -25.1092

Details

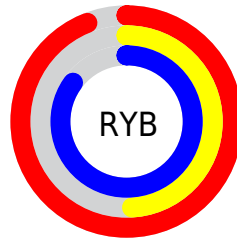
The XYZ color **55.4591, 37.8280, 70.7082** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **44.2912, 68.0636, 37.5939**, and the grayscale version is **37.6345, 39.5944, 43.1183**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **27.7950, 16.7243, 36.4135** is the 20% darker color. If you saturate the color by 10%, you get **52.2554, 32.3221, 66.8596**, and if you desaturate by 10%, it is **59.4060, 44.7949, 74.8795**.

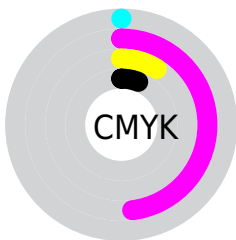
Distribution



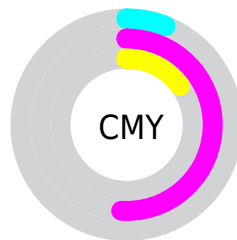
- Red (94%)
- Green (49%)
- Blue (85%)



- Red (94%)
- Yellow (49%)
- Blue (85%)



- Cyan (0%)
- Magenta (48%)
- Yellow (9%)
- Black (6%)





- Cyan (6%)
- Magenta (51%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4591, 37.8280, 70.7082 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 55.4591, 37.8280, 70.7082 by changing the saturation by 10% instead.


 55.4591, 37.8280,
70.7082

 55.4591, 37.8280,
70.7082


397.7580,
336.8816, 481.8889


 40.0047, 25.8492,
51.6237

 97.3577, 71.8444,
121.9087

 27.7264, 16.7109,
36.3251


 124.5326, 94.6509,
154.8618

 18.2589, 10.0286,
24.3937


 156.3451,
121.8353, 193.2749

 11.2369, 5.4179,
15.4110

193.1604,
153.7822, 237.5665

 6.2949, 2.4945,
8.9585

235.3440,
190.8758, 288.1552

 3.0675, 0.8739,
4.6177

283.2613,

 1.1896, 0.0000,

233.5007, 345.4594

1.9700

337.2775,
282.0411, 409.8978

■ 0.0981, 0.0000,
0.5367

■ 0.0000, 0.0000,
0.0000

■ 55.4591, 37.8280,
70.7082

■ 55.4591, 37.8280,
70.7082

■ 52.2554, 32.3221,
66.8596

■ 59.4060, 44.7949,
74.8795

■ 49.7379, 28.1651,
63.3130


■ 64.1405, 53.3135,
79.3877


■ 47.8468, 25.2376,
60.0483


■ 69.7079, 63.4733,
84.2489


■ 46.5107, 23.3963,
57.0410


■ 76.1488, 75.3558,
89.4771


 45.6299, 22.4423,
54.2575


 83.5014, 89.0366,
95.0856

 45.4874, 22.3071,
53.7486

 87.7147, 96.4140,
99.7247

 88.3861, 96.6826,
103.2605

 89.0734, 96.9575,
106.8796

 89.4069, 97.0909,
108.6359

Harmonies

Analogous

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



47.2215, 37.8280, 104.8032



55.4591, 37.8280, 70.7082



58.1888, 37.8280, 38.3710

Triad

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



55.4591, 37.8280, 70.7082



34.9567, 37.8280, 7.4214



22.3870, 37.8280, 78.1145

Complementary

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



55.4591, 37.8280, 70.7082



44.2912, 68.0636, 37.5939

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.



20.2569, 37.8280, 44.1401



55.4591, 37.8280, 70.7082



26.6392, 37.8280, 10.5356

Square

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



55.4591, 37.8280, 70.7082



45.1605, 37.8280, 9.4156



21.6607, 37.8280, 21.2962



28.0930, 37.8280, 110.2709

Rectangle

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



55.4591, 37.8280, 70.7082



56.1768, 37.8280, 23.4850



21.6607, 37.8280, 21.2962



21.2811, 37.8280, 66.0989

Sweetspot

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



55.4603, 37.8298, 70.7090



83.6678, 78.8869, 100.0152



34.1461, 26.5039, 84.9781



17.5722, 16.2662, 21.1307



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.



55.4603, 37.8298, 70.7090



60.5104, 37.3972, 77.4212



49.3570, 35.3884, 38.5693



16.3232, 15.9790, 19.2581



25.1822, 12.3453, 29.9399



2.1268, 1.0398, 2.6584

Inverse Universe

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



55.4603, 37.8298, 70.7090



60.5104, 37.3972, 77.4212



49.6836, 70.2206, 65.9900



16.3232, 15.9790, 19.2581



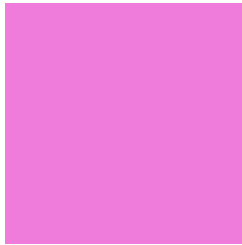
25.1822, 12.3453, 29.9399



2.1268, 1.0398, 2.6584

Previews

White Background



This preview shows how the XYZ color 55.4591, 37.8280, 70.7082 looks on a white background.

Color Contrast Check

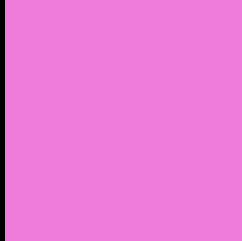
Large Text (above 18pt) WCAG AA × Fail

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 55.4591, 37.8280, 70.7082 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 55.4591, 37.8280, 70.7082

Background



This preview shows how black text looks on a background with the XYZ color 55.4591, 37.8280, 70.7082.



This preview shows how white text looks on a background with the XYZ color 55.4591, 37.8280,

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

55.4591, 37.8280, 70.7082

Protanopia

40.3570, 38.2901, 94.0706

Deuteranopia

38.9556, 38.1666, 66.9417



Tritanopia

47.6926, 37.6562, 33.6089

Trichromacy



Original Color

55.4591, 37.8280, 70.7082



Protanomaly

43.4891, 36.6080, 84.8947



Deuteranomaly

43.3786, 36.9147, 68.4573



Tritanomaly

50.1946, 37.6378, 45.1767

Monochromacy



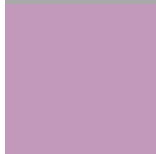
Original Color

55.4591, 37.8280, 70.7082



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.6090, 37.8397, 52.0718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4591, 37.8280, 70.7082 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(239, 124, 218)` looks like.

```
.text, #text, p{  
    color:rgb(239, 124, 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(239, 124, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 124, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.4591, 37.8280, 70.7082 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(239, 124, 218) }
```


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

```
.border{ border-color:rgb(239, 124, 218) }
```

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

Here you see how a box with a 4 pixel rgb(239, 124, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 124, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 124, 218);  
box-shadow:4px 4px 4px 4px rgb(239, 124,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4591, 37.8280, 70.7082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 124, 218) }
```

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

```
.background{ background-color: rgb(239,  
124, 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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