

Converting Colors

XYZ(59.0287, 42.6576, 79.4103)

Have a look what the booklet for
XYZ(59.0287, 42.6576, 79.4103)
contains.

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Color

**XYZ(59.1175, 42.7640,
79.2672)**

Conversions

Conversions Part 1

Format	Color
Hex	EF8CE5
RGB	239, 140, 229
RGB Percent	94%, 55%, 90%
CMY	0.0627, 0.4510, 0.1020
CMYK	0.00, 0.41, 0.04, 0.06
HSL	306°, 76%, 74%
HSV	306°, 41%, 94%
XYZ	59.1175, 42.7640, 79.2672
YIQ	179.7470, 30.4350, 48.6670

Conversions

Conversions Part 2

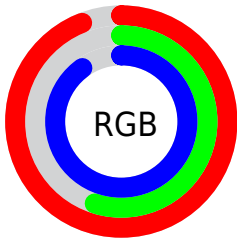
Format	Color
R _Y B	239, 140, 229
Decimal	15699173
CIE Lab	71.39, 50.10, -29.24
CIE LCh	71, 58.011, 329.735
Yxy	42.7640, 0.3263, 0.2361
Android (android.graphics.Color)	4293889253 (0xFFEF8CE5)
YUV	179.7470, 24.2817, 51.9649
Hunter-Lab	65.3942, 46.9273, -26.0921

Details

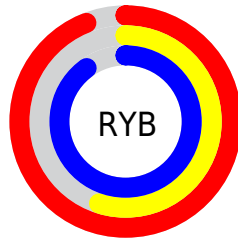
The XYZ color **59.1175, 42.7640, 79.2672** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **47.1885, 69.5119, 39.7867**, and the grayscale version is **43.1107, 45.3558, 49.3925**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **29.9267, 19.4965, 41.7210** is the 20% darker color. If you saturate the color by 10%, you get **55.6627, 36.3893, 76.4642**, and if you desaturate by 10%, it is **63.3381, 50.6611, 82.3494**.

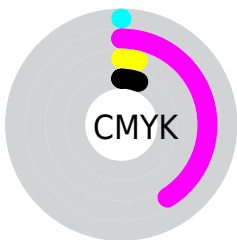
Distribution



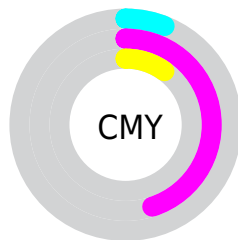
- Red (94%)
- Green (55%)
- Blue (90%)



- Red (94%)
- Yellow (55%)
- Blue (90%)



- Cyan (0%)
- Magenta (41%)
- Yellow (4%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1175, 42.7640, 79.2672 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 59.1175, 42.7640, 79.2672 by changing the saturation by 10% instead.


 59.1175, 42.7640,
79.2672


 59.1175, 42.7640,
79.2672


411.2243,
357.6403, 512.1013


 42.9544, 29.7000,
58.5929


 102.6621, 79.3546,
134.1370

 30.0437, 19.6110,
41.8676


 130.7743,
103.6500, 169.1697

 20.0200, 12.1126,
28.6729


 163.6003,
132.4580, 209.8255

 12.5180, 6.8204,
18.5900

201.5054,
166.1629, 256.5230

 7.1722, 3.3500,
11.2006

244.8550,
205.1492, 309.6808

 3.6173, 1.3171,
6.0861

294.0145,

 1.4880, 0.1544,

249.8013, 369.7175

2.8279

349.3491,
300.5035, 437.0514

■ 0.3176, 0.0000,
1.0074

■ 0.0000, 0.0000,
0.0000

■ 59.1175, 42.7640,
79.2672

■ 59.1175, 42.7640,
79.2672

■ 55.6627, 36.3893,
76.4642

■ 63.3381, 50.6611,
82.3494

■ 52.9199, 31.4320,
73.9213


■ 68.3656, 60.1652,
85.7234


■ 50.8350, 27.7831,
71.6205


■ 74.2429, 71.3613,
89.4039


■ 49.3443, 25.3152,
69.5407


■ 81.0087, 84.3271,
93.4040


 48.3713, 23.8753,
67.6562


 87.2451, 96.2261,
97.2512

 47.8445, 23.2499,
66.1601

 87.6083, 96.3715,
99.1642

 87.9764, 96.5187,
101.1025

 88.3493, 96.6679,
103.0662

 88.7271, 96.8190,
105.0553

Harmonies

Analogous

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



50.6891, 42.7640, 110.6118



59.1175, 42.7640, 79.2672



62.4640, 42.7640, 46.8121

Triad

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



59.1175, 42.7640, 79.2672



40.7329, 42.7640, 10.8314



26.4235, 42.7640, 78.6541

Complementary

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



59.1175, 42.7640, 79.2672



47.1885, 69.5119, 39.7867

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.



24.6112, 42.7640, 46.3143



59.1175, 42.7640, 79.2672



32.0255, 42.7640, 13.7363

Square

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



59.1175, 42.7640, 79.2672



50.8637, 42.7640, 13.8469



26.4888, 42.7640, 24.3770



31.8972, 42.7640, 110.1693

Rectangle

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



59.1175, 42.7640, 79.2672



61.0070, 42.7640, 30.6617



26.4888, 42.7640, 24.3770



25.4089, 42.7640, 67.1852

Sweetspot

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



59.1189, 42.7659, 79.2681



85.5595, 81.8091, 103.3010



37.5193, 31.4649, 85.7582



18.1117, 17.1255, 21.9872



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.



59.1189, 42.7659, 79.2681



64.9392, 42.9862, 88.9735



53.1738, 40.3879, 47.9618



16.3814, 16.0023, 19.5648



26.4678, 12.8596, 36.7097



2.2216, 1.0777, 3.1577

Inverse Universe

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



59.1189, 42.7659, 79.2681



64.9392, 42.9862, 88.9735



52.0387, 71.4519, 65.3273



16.3814, 16.0023, 19.5648



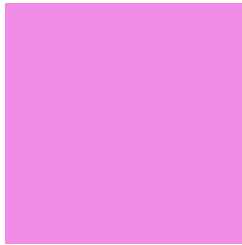
26.4678, 12.8596, 36.7097



2.2216, 1.0777, 3.1577

Previews

White Background



This preview shows how the XYZ color 59.1175, 42.7640, 79.2672 looks on a white background.

Color Contrast Check

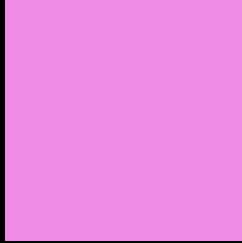
Large Text (above 18pt) WCAG AA × Fail

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 59.1175, 42.7640, 79.2672 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 59.1175, 42.7640, 79.2672

Background



This preview shows how black text looks on a background with the XYZ color 59.1175, 42.7640, 79.2672.



This preview shows how white text looks on a background with the XYZ color 59.1175, 42.7640,

79.2672.

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

59.1175, 42.7640, 79.2672

Protanopia

45.2274, 43.4325, 99.7655

Deuteranopia

44.0082, 43.0483, 75.8017



Tritanopia

51.3021, 42.8167, 41.1579

Trichromacy



Original Color

59.1175, 42.7640, 79.2672



Protanomaly

48.5177, 42.0274, 91.9411



Deuteranomaly

48.1537, 41.9153, 76.7866



Tritanomaly

53.7562, 42.6182, 52.9698

Monochromacy



Original Color

59.1175, 42.7640, 79.2672



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.7356, 43.4050, 59.2881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1175, 42.7640, 79.2672 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, 140, 229)` looks like.

```
.text, #text, p{  
    color:rgb(239, 140, 229)  
}
```

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, 140, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 140, 229) }
```

Border

The CSS property to change the border of an element to XYZ 59.1175, 42.7640, 79.2672 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, 140, 229) }
```


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

```
.border{ border-color:rgb(239, 140, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 140, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 140, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 140, 229); box-shadow:4px 4px 4px 4px rgb(239, 140, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1175, 42.7640, 79.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 140, 229) }
```

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

```
.background{ background-color: rgb(239,  
140, 229) }
```

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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