

Converting Colors

XYZ(57.6854, 42.9001, 88.7800)

Have a look what the booklet for
XYZ(57.6854, 42.9001, 88.7800)
contains.

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Color

**XYZ(57.6811, 42.9326,
88.4658)**

Conversions

Conversions Part 1

Format	Color
Hex	E391F1
RGB	227, 145, 241
RGB Percent	89%, 57%, 95%
CMY	0.1098, 0.4314, 0.0549
CMYK	0.06, 0.40, 0.00, 0.05
HSL	291°, 77%, 76%
HSV	291°, 40%, 95%
XYZ	57.6811, 42.9326, 88.4658
YIQ	180.4620, 18.0560, 47.2400

Conversions

Conversions Part 2

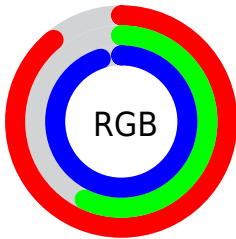
Format	Color
RYB	227, 145, 241
Decimal	14914033
CIELab	71.51, 46.12, -35.75
CIElCh	72, 58.355, 322.224
Yxy	42.9326, 0.3051, 0.2271
Android (android.graphics.Color)	4293104113 (0xFFE391F1)
YUV	180.4620, 29.8452, 40.8138
Hunter-Lab	65.5230, 42.4717, -34.1843

Details

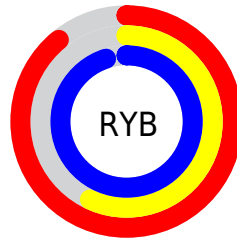
The XYZ color **57.6811, 42.9326, 88.4658** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.8657, 72.3270, 38.0698**, and the grayscale version is **43.4697, 45.7335, 49.8038**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **29.1617, 19.7031, 48.1650** is the 20% darker color. If you saturate the color by 10%, you get **53.2849, 35.7681, 87.3153**, and if you desaturate by 10%, it is **62.8839, 51.6746, 89.8796**.

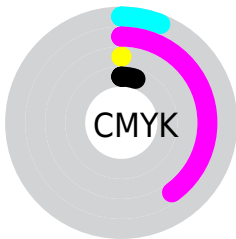
Distribution



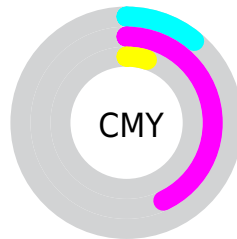
- Red (89%)
- Green (57%)
- Blue (95%)



- Red (89%)
- Yellow (57%)
- Blue (95%)



- Cyan (6%)
- Magenta (40%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (43%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6811, 42.9326, 88.4658 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 57.6811, 42.9326, 88.4658 by changing the saturation by 10% instead.

57.6811, 42.9326,
88.4658

57.6811, 42.9326,
88.4658

405.9696,
358.3345, 543.4682

41.7946, 29.8322,
66.1424

100.5840, 79.6091,
147.1223

29.1309, 19.7113,
47.9308

128.3310,
103.9541, 184.2925

19.3246, 12.1854,
33.4125

160.7623,
132.8161, 227.2486

12.0105, 6.8700,
22.1689

198.2432,
166.5794, 276.4093

6.8231, 3.3810,
13.7816

241.1390,
205.6285, 332.1931

3.3970, 1.3337,
7.8319

289.8151,

1.3670, 0.1671,

250.3478, 395.0185

3.9013

344.6369,
301.1217, 465.3040

■ 0.2326, 0.0000,
1.5714

■ 0.0000, 0.0000,
0.2703

■ 57.6811, 42.9326,
88.4658

■ 57.6811, 42.9326,
88.4658

■ 53.2849, 35.7681,
87.3153

■ 62.8839, 51.6746,
89.8796

■ 49.6409, 30.0757,
86.4086

■ 68.9345, 62.0793,
91.5690

■ 46.6949, 25.7461,
85.7281

■ 75.8764, 74.2328,
93.5490

■ 44.3833, 22.6523,
85.2528

■ 83.7488, 88.2132,
95.8326

42.6304, 20.6431,
84.9574

89.1452, 97.2069,
97.2841

41.3115, 19.4692,
84.8003

90.3803, 97.8437,
97.3419

41.2907, 19.4520,
84.7981

91.6388, 98.4924,
97.4008

92.8773, 99.1309,
97.4588

Harmonies

Analogous

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



48.3970, 42.9326, 117.0796



57.6811, 42.9326, 88.4658



62.5945, 42.9326, 54.4753

Triad

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



57.6811, 42.9326, 88.4658



43.4225, 42.9326, 10.9686



25.6650, 42.9326, 70.4095

Complementary

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



57.6811, 42.9326, 88.4658



50.8657, 72.3270, 38.0698

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.



24.7706, 42.9326, 39.7853



57.6811, 42.9326, 88.4658



34.0537, 42.9326, 12.3674

Square

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



57.6811, 42.9326, 88.4658



53.5419, 42.9326, 15.6449



27.5923, 42.9326, 20.7707



30.2694, 42.9326, 104.0607

Rectangle

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



57.6811, 42.9326, 88.4658



62.2555, 42.9326, 36.1762



27.5923, 42.9326, 20.7707



24.9541, 42.9326, 59.1975

Sweetspot

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



57.6826, 42.9345, 88.4667



84.4305, 81.1700, 105.8252



40.0231, 37.3068, 88.3112



17.8441, 16.9741, 22.5858



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.



57.6826, 42.9345, 88.4667



61.3581, 41.9161, 99.4644



57.7139, 43.4780, 64.6400



16.2145, 15.9078, 19.9375



22.4804, 10.5945, 45.9880



1.9314, 0.9129, 3.8286

Inverse Universe

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



52.6605, 41.4567, 38.0293



55.1142, 40.1423, 33.8878



51.2302, 72.1700, 53.6680



15.8667, 15.7964, 16.8543



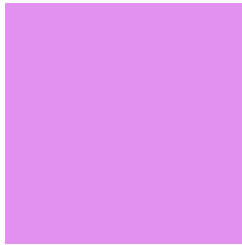
19.8667, 10.2191, 1.9487



1.6813, 0.8616, 0.3126

Previews

White Background



This preview shows how the XYZ color 57.6811, 42.9326, 88.4658 looks on a white background.

Color Contrast Check

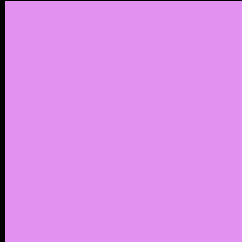
Large Text (above 18pt) WCAG AA × Fail

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 57.6811, 42.9326, 88.4658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

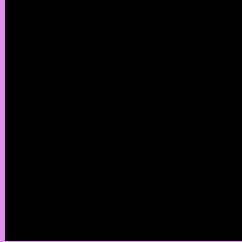
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6811, 42.9326, 88.4658

Background



This preview shows how black text looks on a background with the XYZ color 57.6811, 42.9326, 88.4658.



This preview shows how white text looks on a background with the XYZ color 57.6811, 42.9326,

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

57.6811, 42.9326, 88.4658

Protanopia

45.2063, 43.4030, 100.6027

Deuteranopia

44.3820, 43.3142, 85.3782



Tritanopia

48.6325, 42.8719, 44.7416

Trichromacy



Original Color

57.6811, 42.9326, 88.4658



Protanomaly

48.4840, 42.4436, 96.0795



Deuteranomaly

48.2970, 42.5578, 86.5579



Tritanomaly

51.6182, 42.8461, 58.3729

Monochromacy



Original Color

57.6811, 42.9326, 88.4658



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.5053, 43.7720, 61.8222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6811, 42.9326, 88.4658 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(227, 145, 241)` looks like.

```
.text, #text, p{  
    color:rgb(227, 145, 241)  
}
```

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(227, 145, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 145, 241) }
```

Border

The CSS property to change the border of an element to XYZ 57.6811, 42.9326, 88.4658 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(227, 145, 241) }
```


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

```
.border{ border-color:rgb(227, 145, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 145, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 145, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 145, 241);  
box-shadow:4px 4px 4px 4px rgb(227, 145,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6811, 42.9326, 88.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 145, 241) }
```

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

```
.background{ background-color: rgb(227,  
145, 241) }
```

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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