

Converting Colors

XYZ(57.8989, 46.6292, 78.4697)

Have a look what the booklet for
XYZ(57.8989, 46.6292, 78.4697)
contains.

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Color

**XYZ(57.9418, 46.6732,
78.6280)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E39FE3 |
| RGB | 227, 159, 227 |
| RGB Percent | 89%, 62%, 89% |
| CMY | 0.1098, 0.3765, 0.1098 |
| CMYK | 0.00, 0.30, 0.00, 0.11 |
| HSL | 300°, 55%, 76% |
| HSV | 300°, 30%, 89% |
| XYZ | 57.9418, 46.6732, 78.6280 |
| YIQ | 187.0840, 18.7000, 35.5640 |

Conversions

Conversions Part 2

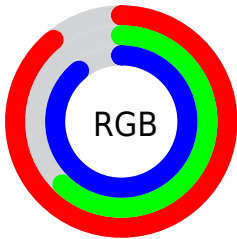
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 227, 159, 227 |
| Decimal | 14917603 |
| CIE _{Lab} | 73.98, 36.11, -24.29 |
| CIE _{LCh} | 74, 43.522, 326.068 |
| Yxy | 46.6732, 0.3162, 0.2547 |
| Android (android.graphics.Color) | 4293107683 (0xFFE39FE3) |
| YUV | 187.0840, 19.6786, 35.0063 |
| Hunter-Lab | 68.3178, 31.8336, -20.4153 |

Details

The XYZ color **57.9418, 46.6732, 78.6280** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.0271, 64.8138, 42.7825**, and the grayscale version is **47.1678, 49.6242, 54.0408**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **29.2993, 21.9063, 41.2122** is the 20% darker color. If you saturate the color by 10%, you get **54.3914, 39.5716, 77.4449**, and if you desaturate by 10%, it is **62.2119, 55.2125, 80.0520**.

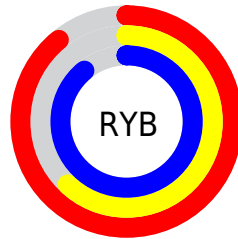
Distribution



Red (89%)

Green (62%)

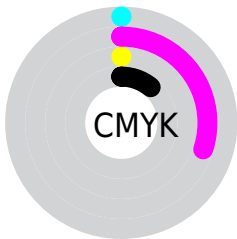
Blue (89%)



Red (89%)

Yellow (62%)

Blue (89%)

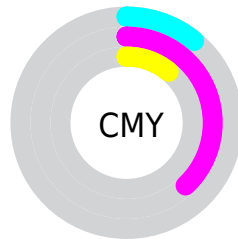


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (38%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9418, 46.6732, 78.6280 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 57.9418, 46.6732, 78.6280 by changing the saturation by 10% instead.


 57.9418, 46.6732,
78.6280


 57.9418, 46.6732,
78.6280

406.9264,
373.5086, 509.8813

 42.0049, 32.7774,
58.0705

 100.9616, 85.2256,
133.2289

 29.2963, 21.9560,
41.4502


 128.7752,
110.6510, 168.1095

 19.4505, 13.8245,
28.3487


161.2784,
140.6883, 208.6014

 12.1022, 7.9987,
18.3474


198.8366,
175.7221, 255.1233

 6.8860, 4.0941,
11.0277

241.8152,
216.1366, 308.0937

 3.4366, 1.7264,
5.9710

290.5794,

 1.3886, 0.4406,

262.3162, 367.9311

2.7590

345.4947,
314.6454, 435.0542

■ 0.2481, 0.0000,
0.9729

■ 0.0000, 0.0000,
0.0000

■ 57.9418, 46.6732,
78.6280

■ 57.9418, 46.6732,
78.6280

■ 54.3914, 39.5716,
77.4449

■ 62.2119, 55.2125,
80.0520

■ 51.5170, 33.8229,
76.4867

■ 67.2337, 65.2559,
81.7260

■ 49.2771, 29.3431,
75.7399

■ 73.0423, 76.8732,
83.6624

■ 47.6237, 26.0362,
75.1886

■ 79.6696, 90.1278,
85.8716

46.5019, 23.7927,
74.8146

81.3044, 93.3973,
86.4166

45.8466, 22.4822,
74.5960

81.3044, 93.3973,
86.4168

45.5452, 21.8794,
74.4955

81.3044, 93.3973,
86.4169

45.5441, 21.8772,
74.4951

81.3045, 93.3973,
86.4170

81.3045, 93.3973,
86.4172

Harmonies

Analogous

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



51.2530, 46.6732, 99.7337



57.9418, 46.6732, 78.6280



60.9907, 46.6732, 53.8089

Triad

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



57.9418, 46.6732, 78.6280



45.3935, 46.6732, 18.9777



32.2533, 46.6732, 72.0262

Complementary

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



57.9418, 46.6732, 78.6280



48.0271, 64.8138, 42.7825

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.



31.0682, 46.6732, 47.9423



57.9418, 46.6732, 78.6280



38.1172, 46.6732, 21.2682

Square

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



57.9418, 46.6732, 78.6280



53.2310, 46.6732, 22.9518



33.0885, 46.6732, 30.4880



36.5364, 46.6732, 95.2065

Rectangle

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



57.9418, 46.6732, 78.6280



60.3153, 46.6732, 39.8768



33.0885, 46.6732, 30.4880



31.5026, 46.6732, 63.5999

Sweetspot

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



57.9433, 46.6752, 78.6290



88.1607, 86.2214, 106.6034



40.5634, 37.7156, 77.8160



18.6488, 18.0124, 22.7438



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.



57.9433, 46.6752, 78.6290



72.4226, 54.7454, 101.3570



53.7040, 44.9795, 56.3054



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Inverse Universe

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



57.9433, 46.6752, 78.6290



72.4226, 54.7454, 101.3570



51.3946, 66.1608, 60.5155



14.9952, 14.6153, 18.1750



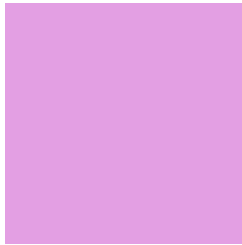
26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 57.9418, 46.6732, 78.6280 looks on a white background.

Color Contrast Check

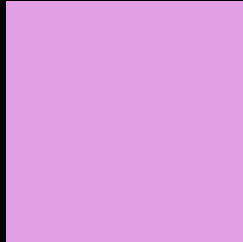
Large Text (above 18pt) WCAG AA × Fail

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 57.9418, 46.6732, 78.6280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

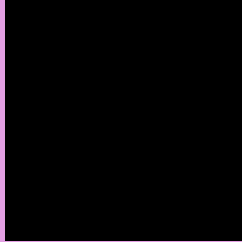
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9418, 46.6732, 78.6280

Background



This preview shows how black text looks on a background with the XYZ color 57.9418, 46.6732, 78.6280.



This preview shows how white text looks on a background with the XYZ color 57.9418, 46.6732,

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

57.9418, 46.6732, 78.6280

Protanopia

47.8653, 47.0527, 90.5637

Deuteranopia

47.8301, 46.7522, 76.3152



Tritanopia

52.1619, 46.7136, 49.9835

Trichromacy



Original Color

57.9418, 46.6732, 78.6280



Protanomaly

50.7776, 46.3108, 86.3834



Deuteranomaly

50.7824, 46.2434, 76.7704



Tritanomaly

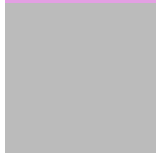
54.0796, 46.6755, 59.5850

Monochromacy



Original Color

57.9418, 46.6732, 78.6280



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.7399, 48.2651, 62.5189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9418, 46.6732, 78.6280 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, 159, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 159, 227)  
}
```

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, 159, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 227) }
```

Border

The CSS property to change the border of an element to XYZ 57.9418, 46.6732, 78.6280 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, 159, 227) }
```


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

```
.border{ border-color:rgb(227, 159, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 159, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9418, 46.6732, 78.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 227) }
```

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

```
.background{ background-color: rgb(227,  
159, 227) }
```

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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