

Converting Colors

XYZ(59.4514, 48.0070, 81.7352)

Have a look what the booklet for
XYZ(59.4514, 48.0070, 81.7352)
contains.

XYZ(59.4818, 47.9173, 81.7152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.4818, 47.9173,
81.7152)**

Conversions

Conversions Part 1

Format	Color
Hex	E5A1E7
RGB	229, 161, 231
RGB Percent	90%, 63%, 91%
CMY	0.1020, 0.3686, 0.0941
CMYK	0.01, 0.30, 0.00, 0.09
HSL	298°, 59%, 77%
HSV	298°, 30%, 91%
XYZ	59.4818, 47.9173, 81.7152
YIQ	189.3120, 18.0580, 36.1860

Conversions

Conversions Part 2

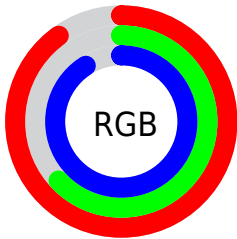
Format	Color
R _Y B	229, 161, 231
Decimal	15049191
CIE Lab	74.77, 36.42, -25.25
CIE LCh	75, 44.313, 325.268
Yxy	47.9173, 0.3145, 0.2534
Android (android.graphics.Color)	4293239271 (0xFFE5A1E7)
YUV	189.3120, 20.5522, 34.8064
Hunter-Lab	69.2223, 32.2436, -21.5347

Details

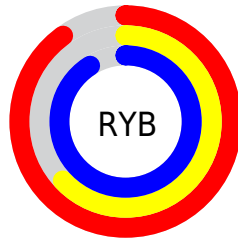
The XYZ color **59.4818, 47.9173, 81.7152** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.1148, 67.5127, 44.1105**, and the grayscale version is **48.4284, 50.9505, 55.4851**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **30.3340, 22.7045, 43.3411** is the 20% darker color. If you saturate the color by 10%, you get **55.6023, 40.4692, 80.4828**, and if you desaturate by 10%, it is **64.1109, 56.8613, 83.1983**.

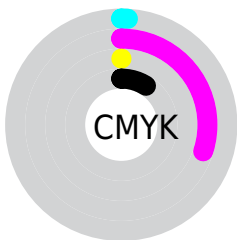
Distribution



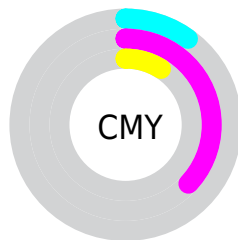
- Red (90%)
- Green (63%)
- Blue (91%)



- Red (90%)
- Yellow (63%)
- Blue (91%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)





- Cyan (10%)
- Magenta (37%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4818, 47.9173, 81.7152 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 59.4818, 47.9173, 81.7152 by changing the saturation by 10% instead.


 59.4818, 47.9173,
81.7152


 59.4818, 47.9173,
81.7152


412.5505,
378.4642, 520.5530

 43.2489, 33.7614,
60.5964


 103.1882, 87.0813,
137.6076

 30.2759, 22.7104,
43.4711


 131.3925,
112.8581, 173.2183

 20.1972, 14.3798,
29.9208


164.3179,
143.2774, 214.4967

 12.6476, 8.3853,
19.5269

202.3299,
178.7235, 261.8613

 7.2616, 4.3425,
11.8710

245.7938,
219.5809, 315.7307

 3.6740, 1.8669,
6.5344

295.0750,

 1.5194, 0.5284,

266.2338, 376.5234

3.0987

350.5388,
319.0668, 444.6580

■ 0.3390, 0.0000,
1.1452

■ 0.0000, 0.0000,
0.0000

■ 59.4818, 47.9173,
81.7152

■ 59.4818, 47.9173,
81.7152

■ 55.6023, 40.4692,
80.4828

■ 64.1109, 56.8613,
83.1983

■ 52.4266, 34.4286,
79.4842

■ 69.5229, 67.3710,
84.9416

■ 49.9111, 29.7073,
78.7055

■ 75.7547, 79.5191,
86.9580

■ 48.0056, 26.2048,
78.1298

■ 82.8396, 93.3722,
89.2585

46.6526, 23.8058,
77.7381

83.5603, 94.4957,
89.4374

45.7833, 22.3734,
77.5074

83.7753, 94.6065,
89.4474

45.2894, 21.6813,
77.3999

83.9911, 94.7178,
89.4575

84.2076, 94.8294,
89.4677

84.4250, 94.9415,
89.4778

Harmonies

Analogous

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



52.4739, 47.9173, 103.3889



59.4818, 47.9173, 81.7152



62.7719, 47.9173, 55.9155

Triad

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



59.4818, 47.9173, 81.7152



46.8324, 47.9173, 19.2976



32.9344, 47.9173, 73.4698

Complementary

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



59.4818, 47.9173, 81.7152



50.1148, 67.5127, 44.1105

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.



31.7974, 47.9173, 48.6028



59.4818, 47.9173, 81.7152



39.2527, 47.9173, 21.4824

Square

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



59.4818, 47.9173, 81.7152



54.9414, 47.9173, 23.5699



33.9735, 47.9173, 30.7786



37.2843, 47.9173, 97.7280

Rectangle

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



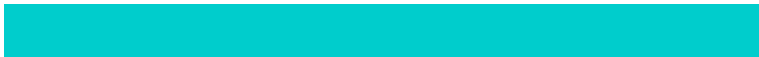
59.4818, 47.9173, 81.7152



62.1627, 47.9173, 41.3517



33.9735, 47.9173, 30.7786



32.1873, 47.9173, 64.7363

Sweetspot

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



59.4833, 47.9194, 81.7162



87.9199, 86.0973, 106.5923



42.2803, 39.6619, 81.0291



18.5889, 17.9816, 22.7410



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.



59.4833, 47.9194, 81.7162



71.4646, 54.2516, 101.3127



55.9329, 46.5734, 59.6712



14.9523, 14.5931, 18.1730



25.4087, 12.1646, 43.3920



1.8905, 0.9056, 3.2071

Inverse Universe

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



52.3123, 45.1251, 40.6053



61.2393, 50.2721, 42.4667



52.9757, 68.6102, 61.2957



14.3936, 14.3746, 15.0071



18.5030, 9.5354, 1.0117



1.3732, 0.7070, 0.1059

Previews

White Background



This preview shows how the XYZ color 59.4818, 47.9173, 81.7152 looks on a white background.

Color Contrast Check

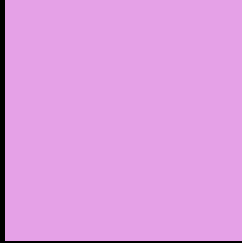
Large Text (above 18pt) WCAG AA × Fail

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 59.4818, 47.9173, 81.7152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

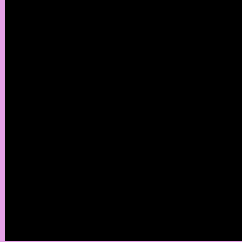
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4818, 47.9173, 81.7152

Background



This preview shows how black text looks on a background with the XYZ color 59.4818, 47.9173, 81.7152.



This preview shows how white text looks on a background with the XYZ color 59.4818, 47.9173,

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

59.4818, 47.9173, 81.7152

Protanopia

49.0884, 48.2167, 93.9083

Deuteranopia

49.2114, 48.2971, 79.4016



Tritanopia

53.3534, 47.8563, 51.2249

Trichromacy



Original Color

59.4818, 47.9173, 81.7152



Protanomaly

51.9995, 47.4418, 89.6356



Deuteranomaly

52.4283, 47.8793, 79.8771



Tritanomaly

55.2954, 47.8151, 60.9584

Monochromacy



Original Color

59.4818, 47.9173, 81.7152



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.9210, 49.4372, 63.9325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4818, 47.9173, 81.7152 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(229, 161, 231)` looks like.

```
.text, #text, p{  
    color:rgb(229, 161, 231)  
}
```

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(229, 161, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 161, 231) }
```

Border

The CSS property to change the border of an element to XYZ 59.4818, 47.9173, 81.7152 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(229, 161, 231) }
```


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

```
.border{ border-color:rgb(229, 161, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 161, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 161, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 161, 231);  
box-shadow:4px 4px 4px 4px rgb(229, 161,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4818, 47.9173, 81.7152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 161, 231) }
```

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

```
.background{ background-color: rgb(229,  
161, 231) }
```

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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