

Converting Colors

XYZ(45.4127, 41.1991, 59.7357)

Have a look what the booklet for
XYZ(45.4127, 41.1991, 59.7357)
contains.

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Color

**XYZ(45.3018, 41.0826,
59.5749)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C2A1C7 |
| RGB | 194, 161, 199 |
| RGB Percent | 76%, 63%, 78% |
| CMY | 0.2392, 0.3686, 0.2196 |
| CMYK | 0.03, 0.19, 0.00, 0.22 |
| HSL | 292°, 25%, 71% |
| HSV | 292°, 19%, 78% |
| XYZ | 45.3018, 41.0826, 59.5749 |
| YIQ | 175.1990, 7.4700, 18.8140 |

Conversions

Conversions Part 2

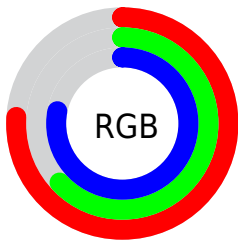
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 194, 161, 199 |
| Decimal | 12755399 |
| CIELab | 70.23, 18.87, -14.90 |
| CIELCh | 70, 24.044, 321.702 |
| Yxy | 41.0826, 0.3104, 0.2815 |
| Android (android.graphics.Color) | 4290945479 (0xFFC2A1C7) |
| YUV | 175.1990, 11.7339, 16.4885 |
| Hunter-Lab | 64.0957, 13.9934, -10.2412 |

Details

The XYZ color **45.3018, 41.0826, 59.5749** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.5838, 51.5281, 41.4218**, and the grayscale version is **40.7901, 42.9143, 46.7337**.

A 20% lighter version of the original color is **82.3895, 76.8410, 105.0971**, and **21.3947, 18.5571, 29.2423** is the 20% darker color. If you saturate the color by 10%, you get **41.4315, 34.3302, 58.4762**, and if you desaturate by 10%, it is **49.7399, 48.9516, 60.8605**.

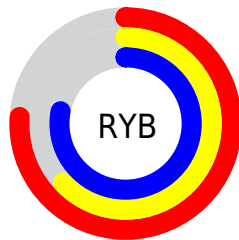
Distribution



Red (76%)

Green (63%)

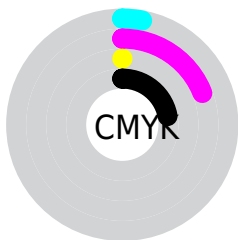
Blue (78%)



Red (76%)

Yellow (63%)

Blue (78%)

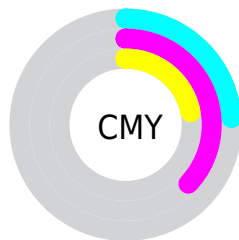


Cyan (3%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (37%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3018, 41.0826, 59.5749 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 45.3018, 41.0826, 59.5749 by changing the saturation by 10% instead.


 45.3018, 41.0826,
59.5749


 45.3018, 41.0826,
59.5749


358.7577,
350.6657, 440.7902

 31.8975, 28.3836,
42.6530


 82.4074, 76.8093,
105.7501

 21.4384, 18.6150,
29.2836


 106.8394,
100.6058, 135.8405

 13.5591, 11.3925,
19.0480


135.6780,
128.8702, 171.1575

 7.8943, 6.3315,
11.5278

169.2886,
161.9870, 212.1196

 4.0786, 3.0477,
6.3044

208.0365,
200.3406, 259.1454

 1.7467, 1.1567,
2.9593

252.2870,

 0.4852, 0.0259,

244.3153, 312.6534

1.0739

302.4057,
294.2955, 373.0621

■ 0.0000, 0.0000,
0.0000

■ 45.3018, 41.0826,
59.5749

■ 45.3018, 41.0826,
59.5749

■ 41.4315, 34.3302,
58.4762

■ 49.7399, 48.9516,
60.8605

■ 38.0990, 28.6367,
57.5528

■ 54.7665, 57.9806,
62.3383

■ 35.2774, 23.9475,
56.7964

■ 60.4059, 68.2173,
64.0170

■ 32.9356, 20.2007,
56.1967

■ 66.6797, 79.7051,
65.9037

■ 31.0394, 17.3279,
55.7421

■ 71.8273, 88.9225,
67.4115

■ 29.5497, 15.2509,
55.4197

■ 72.5654, 89.3030,
67.4460

■ 28.4206, 13.8780,
55.2142

■ 73.3158, 89.6898,
67.4812

■ 27.5739, 13.0531,
55.0996

■ 74.0783, 90.0830,
67.5168

■ 27.5019, 12.9869,
55.0906

■ 74.8532, 90.4824,
67.5531

Harmonies

Analogous

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



41.9174, 41.0826, 68.0773



45.3018, 41.0826, 59.5749



47.0364, 41.0826, 47.9377

Triad

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



45.3018, 41.0826, 59.5749



40.1516, 41.0826, 26.5103



32.4218, 41.0826, 53.2464

Complementary

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



45.3018, 41.0826, 59.5749



42.5838, 51.5281, 41.4218

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.



32.0191, 41.0826, 41.6724



45.3018, 41.0826, 59.5749



36.3122, 41.0826, 27.4462

Square

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



45.3018, 41.0826, 59.5749



43.9349, 41.0826, 29.7704



33.3976, 41.0826, 32.5851



34.5372, 41.0826, 64.0168

Rectangle

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



45.3018, 41.0826, 59.5749



46.9480, 41.0826, 40.4731



33.3976, 41.0826, 32.5851



32.0876, 41.0826, 49.2796

Sweetspot

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



45.3030, 41.0844, 59.5758



89.6251, 90.2439, 107.3028



38.6568, 38.9992, 59.5236



19.0621, 19.0985, 22.9316



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.



45.3030, 41.0844, 59.5758



76.3265, 66.6835, 103.4561



45.0633, 41.1392, 51.5027



10.9405, 10.7431, 13.4145



17.7372, 8.3781, 35.4266



0.8790, 0.4169, 1.6793

Inverse Universe

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



43.1824, 40.3869, 41.5978



71.9661, 65.2608, 65.9726



42.8541, 51.5175, 48.2100



10.6897, 10.6593, 11.3495



15.2850, 7.8636, 1.4449



0.7429, 0.3800, 0.1691

Previews

White Background



This preview shows how the XYZ color 45.3018, 41.0826, 59.5749 looks on a white background.

Color Contrast Check

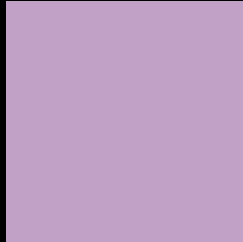
Large Text (above 18pt) WCAG AA × Fail

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 45.3018, 41.0826, 59.5749 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 45.3018, 41.0826, 59.5749

Background



This preview shows how black text looks on a background with the XYZ color 45.3018, 41.0826, 59.5749.



This preview shows how white text looks on a background with the XYZ color 45.3018, 41.0826,

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

45.3018, 41.0826, 59.5749

Protanopia

40.9112, 41.1566, 63.5454

Deuteranopia

42.1002, 41.3126, 59.1813



Tritanopia

42.9769, 41.2010, 47.8069

Trichromacy



Original Color

45.3018, 41.0826, 59.5749

Protanomaly

42.5027, 41.1793, 62.2082

Deuteranomaly

43.1766, 41.0548, 59.0748

Tritanomaly

43.8766, 41.3026, 52.1140

Monochromacy



Original Color

45.3018, 41.0826, 59.5749

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.3179, 42.1552, 51.2538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3018, 41.0826, 59.5749 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(194, 161, 199)` looks like.

```
.text, #text, p{  
    color:rgb(194, 161, 199)  
}
```

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(194, 161, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 161, 199) }
```

Border

The CSS property to change the border of an element to XYZ 45.3018, 41.0826, 59.5749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

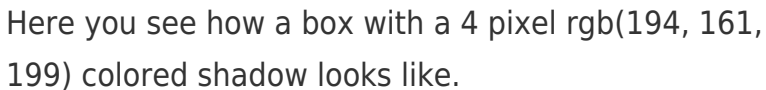
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 161, 199) }
```


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

```
.border{ border-color:rgb(194, 161, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 161, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 161, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 161, 199); box-shadow:4px 4px 4px 4px rgb(194, 161, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3018, 41.0826, 59.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 161, 199) }
```

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

```
.background{ background-color: rgb(194,  
161, 199) }
```

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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