

Converting Colors

XYZ(57.9797, 51.8858, 79.7799)

Have a look what the booklet for
XYZ(57.9797, 51.8858, 79.7799)
contains.

XYZ(58.1044, 51.9858, 79.6449)	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(58.1044, 51.9858,
79.6449)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B2E3
RGB	216, 178, 227
RGB Percent	85%, 70%, 89%
CMY	0.1529, 0.3019, 0.1098
CMYK	0.05, 0.22, 0.00, 0.11
HSL	287°, 47%, 79%
HSV	287°, 22%, 89%
XYZ	58.1044, 51.9858, 79.6449
YIQ	194.9480, 6.9190, 23.2950

Conversions

Conversions Part 2

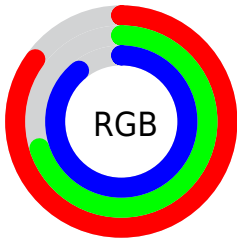
Format	Color
RYB	216, 178, 227
Decimal	14201571
CIELab	77.27, 22.32, -19.39
CIElCh	77, 29.563, 319.016
Yxy	51.9858, 0.3062, 0.2740
Android (android.graphics.Color)	4292391651 (0xFFD8B2E3)
YUV	194.9480, 15.8016, 18.4626
Hunter-Lab	72.1012, 17.6713, -15.0225

Details

The XYZ color **58.1044, 51.9858, 79.6449** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.4932, 68.9727, 52.4576**, and the grayscale version is **51.7482, 54.4431, 59.2886**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **29.4780, 25.2229, 42.3446** is the 20% darker color. If you saturate the color by 10%, you get **52.4743, 42.9253, 78.1936**, and if you desaturate by 10%, it is **64.5318, 62.5695, 81.3498**.

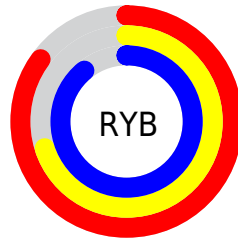
Distribution



Red (85%)

Green (70%)

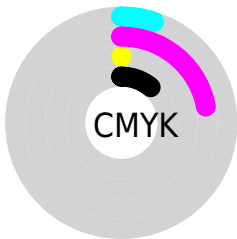
Blue (89%)



Red (85%)

Yellow (70%)

Blue (89%)

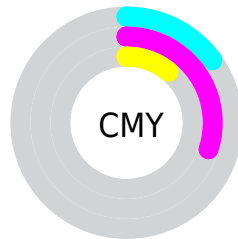


Cyan (5%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (30%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1044, 51.9858, 79.6449 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 58.1044, 51.9858, 79.6449 by changing the saturation by 10% instead.

■ 58.1044, 51.9858,
79.6449

■ 58.1044, 51.9858,
79.6449

407.5224,
394.3818, 513.4105

■ 42.1362, 36.9938,
58.9017

■ 101.1970, 93.1103,
134.6732

■ 29.3995, 25.2027,
42.1145

129.0520,
120.0115, 169.7955

■ 19.5290, 16.2281,
28.8647

161.6000,
151.6513, 210.5479

■ 12.1594, 9.6857,
18.7338

199.2064,
188.4140, 257.3489

■ 6.9253, 5.1911,
11.3032

242.2365,
230.6840, 310.6172

■ 3.4614, 2.3598,
6.1545

291.0556,

■ 1.4022, 0.8051,

278.8457, 370.7712

2.8689

346.0291,
333.2835, 438.2294

■ 0.2578, 0.0000,
1.0281

■ 0.0000, 0.0000,
0.0000

■ 58.1044, 51.9858,
79.6449

■ 58.1044, 51.9858,
79.6449

■ 52.4743, 42.9253,
78.1936

■ 64.5318, 62.5695,
81.3498

■ 47.5994, 35.3076,
76.9801

■ 71.7862, 74.7383,
83.3163

■ 43.4412, 29.0552,
75.9925

■ 79.9018, 88.5589,
85.5562

■ 39.9555, 24.0801,
75.2159

■ 84.3457, 94.9652,
86.5585

37.0927, 20.2844,
74.6341

86.0658, 95.8519,
86.6390

34.7965, 17.5554,
74.2284

87.8346, 96.7637,
86.7217

32.9988, 15.7581,
73.9762

89.6524, 97.7009,
86.8068

31.7787, 14.7808,
73.8519

90.8653, 98.3261,
86.8636

Harmonies

Analogous

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



53.0482, 51.9858, 91.5435



58.1044, 51.9858, 79.6449



60.9022, 51.9858, 62.7625

Triad

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



58.1044, 51.9858, 79.6449



51.5171, 51.9858, 31.1565



39.8056, 51.9858, 67.3963

Complementary

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



58.1044, 51.9858, 79.6449



56.4932, 68.9727, 52.4576

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.



39.4645, 51.9858, 50.8615



58.1044, 51.9858, 79.6449



45.9439, 51.9858, 31.9227

Square

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



58.1044, 51.9858, 79.6449



56.9100, 51.9858, 36.1575



41.6310, 51.9858, 38.4994



42.6014, 51.9858, 83.5903

Rectangle

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



58.1044, 51.9858, 79.6449



60.9770, 51.9858, 51.8515



41.6310, 51.9858, 38.4994



39.4085, 51.9858, 61.6378

Sweetspot

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



58.1060, 51.9880, 79.6460



89.1094, 89.9780, 107.2787



50.5183, 51.5953, 79.9701



18.9399, 19.0355, 22.9259



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.



58.1060, 51.9880, 79.6460



72.1576, 62.0318, 102.7780



59.7296, 53.0256, 70.6620



14.6620, 14.4435, 18.1594



18.6382, 8.6742, 43.0751



1.4552, 0.6812, 3.1867

Inverse Universe

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



56.7861, 51.8482, 55.1615



70.2224, 61.8660, 65.1059



55.2424, 68.1690, 59.5773



14.5088, 14.4207, 15.6139



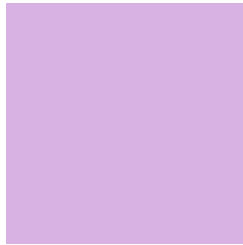
18.8593, 9.6779, 2.8880



1.4283, 0.7290, 0.3959

Previews

White Background



This preview shows how the XYZ color 58.1044, 51.9858, 79.6449 looks on a white background.

Color Contrast Check

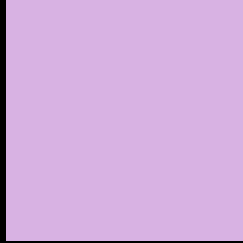
Large Text (above 18pt) WCAG AA × Fail

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 58.1044, 51.9858, 79.6449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

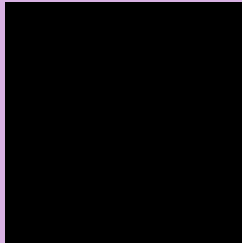
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1044, 51.9858, 79.6449

Background



This preview shows how black text looks on a background with the XYZ color 58.1044, 51.9858, 79.6449.



This preview shows how white text looks on a background with the XYZ color 58.1044, 51.9858,

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

58.1044, 51.9858, 79.6449

Protanopia

52.2490, 52.2171, 85.9224

Deuteranopia

53.3532, 52.3143, 78.5198



Tritanopia

54.2779, 51.9412, 60.5910

Trichromacy



Original Color

58.1044, 51.9858, 79.6449

Protanomaly

54.1626, 51.9935, 83.5250

Deuteranomaly

54.9554, 52.1895, 79.1286

Tritanomaly

55.4731, 51.7973, 67.3957

Monochromacy



Original Color

58.1044, 51.9858, 79.6449

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.0887, 53.5967, 66.5259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1044, 51.9858, 79.6449 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(216, 178, 227)` looks like.

```
.text, #text, p{  
    color:rgb(216, 178, 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(216, 178, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 178, 227) }
```

Border

The CSS property to change the border of an element to XYZ 58.1044, 51.9858, 79.6449 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(216, 178, 227) }
```


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

```
.border{ border-color:rgb(216, 178, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 178, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 178, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 178, 227); box-shadow:4px 4px 4px 4px rgb(216, 178, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1044, 51.9858, 79.6449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 178, 227) }
```

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

```
.background{ background-color: rgb(216,  
178, 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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