

Converting Colors

XYZ(58.6199, 53.2338, 79.6621)

Have a look what the booklet for
XYZ(58.6199, 53.2338, 79.6621)
contains.

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Color

**XYZ(58.7079, 53.1927,
79.8460)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B5E3
RGB	216, 181, 227
RGB Percent	85%, 71%, 89%
CMY	0.1529, 0.2902, 0.1098
CMYK	0.05, 0.20, 0.00, 0.11
HSL	286°, 45%, 80%
HSV	286°, 20%, 89%
XYZ	58.7079, 53.1927, 79.8460
YIQ	196.7090, 6.0940, 21.7260

Conversions

Conversions Part 2

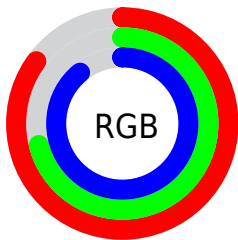
Format	Color
R _Y B	216, 181, 227
Decimal	14202339
CIE Lab	77.99, 20.69, -18.31
CIE LCh	78, 27.628, 318.504
Yxy	53.1927, 0.3062, 0.2774
Android (android.graphics.Color)	4292392419 (0xFFD8B5E3)
YUV	196.7090, 14.9335, 16.9182
Hunter-Lab	72.9333, 16.0508, -13.8562

Details

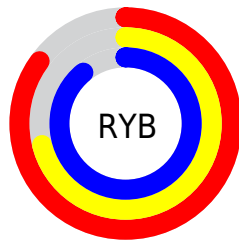
The XYZ color **58.7079, 53.1927, 79.8460** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.5496, 69.4821, 54.0968**, and the grayscale version is **52.8071, 55.5572, 60.5018**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **29.8635, 25.9940, 42.4731** is the 20% darker color. If you saturate the color by 10%, you get **52.8861, 43.8898, 78.3580**, and if you desaturate by 10%, it is **65.3380, 64.0314, 81.5894**.

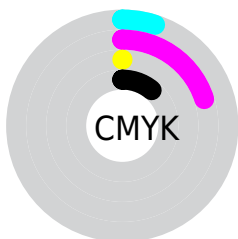
Distribution



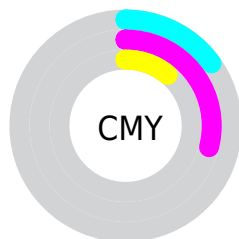
- Red (85%)
- Green (71%)
- Blue (89%)



- Red (85%)
- Yellow (71%)
- Blue (89%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7079, 53.1927, 79.8460 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 58.7079, 53.1927, 79.8460 by changing the saturation by 10% instead.

■ 58.7079, 53.1927,
79.8460

■ 58.7079, 53.1927,
79.8460

409.7301,
399.0240, 514.1068

■ 42.6235, 37.9566,
59.0662

■ 102.0701, 94.8879,
134.9586

■ 29.7830, 25.9490,
42.2461

130.0785,
122.1157, 170.1286

■ 19.8212, 16.7855,
28.9670

162.7924,
154.1097, 210.9323

■ 12.3727, 10.0817,
18.8105

200.5770,
191.2541, 257.7884

■ 7.0720, 5.4531,
11.3580

243.7977,
233.9333, 311.1153

■ 3.5539, 2.5155,
6.1910

292.8199,

■ 1.4530, 0.8844,

282.5318, 371.3316

2.8909

348.0089,
337.4339, 438.8560

■ 0.2935, 0.0000,
1.0392

■ 0.0000, 0.0000,
0.0000

■ 58.7079, 53.1927,
79.8460

■ 58.7079, 53.1927,
79.8460

■ 52.8861, 43.8898,
78.3580

■ 65.3380, 64.0314,
81.5894

■ 47.8307, 36.0430,
77.1099

■ 72.8058, 76.4672,
83.5962

■ 43.5035, 29.5754,
76.0896

■ 81.1454, 90.5663,
85.8781

■ 39.8609, 24.4005,
75.2827

■ 84.7897, 95.1940,
86.5792

■ 36.8540, 20.4215,
74.6732

■ 86.6370, 96.1464,
86.6657

■ 34.4274, 17.5282,
74.2426

■ 88.5398, 97.1273,
86.7547

■ 32.5150, 15.5893,
73.9691

■ 90.4985, 98.1370,
86.8464

■ 31.0364, 14.3981,
73.8171

■ 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.



53.9124, 53.1927, 90.7963



58.7079, 53.1927, 79.8460



61.3866, 53.1927, 64.0247

Triad

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



58.7079, 53.1927, 79.8460



52.6477, 53.1927, 33.4686



41.3699, 53.1927, 67.8372

Complementary

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



58.7079, 53.1927, 79.8460



57.5496, 69.4821, 54.0968

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.



41.0842, 53.1927, 52.2121



58.7079, 53.1927, 79.8460



47.3459, 53.1927, 34.1230

Square

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



58.7079, 53.1927, 79.8460



57.7258, 53.1927, 38.4427



43.1997, 53.1927, 40.4239



44.0097, 53.1927, 83.0596

Rectangle

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



58.7079, 53.1927, 79.8460



61.4934, 53.1927, 53.6468



43.1997, 53.1927, 40.4239



41.0026, 53.1927, 62.4097

Sweetspot

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



58.7095, 53.1950, 79.8472



89.0286, 89.9363, 107.2749



51.8829, 53.2914, 80.2256



18.9207, 19.0256, 22.9250



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.



58.7095, 53.1950, 79.8472



73.3565, 64.3038, 103.1533



60.5341, 54.3129, 71.9216



14.6406, 14.4325, 18.1584



18.2094, 8.4532, 43.0551



1.4268, 0.6665, 3.1854

Inverse Universe

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



57.7186, 53.1867, 57.0955



71.9261, 64.3301, 68.5816



56.0969, 68.5912, 60.4452



14.5176, 14.4242, 15.6599



18.9053, 9.6964, 3.1305



1.4328, 0.7308, 0.4197

Previews

White Background



This preview shows how the XYZ color 58.7079, 53.1927, 79.8460 looks on a white background.

Color Contrast Check

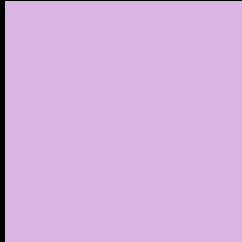
Large Text (above 18pt) WCAG AA × Fail

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 58.7079, 53.1927, 79.8460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

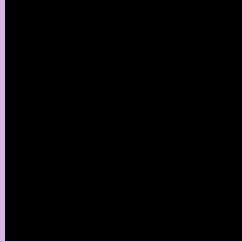
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7079, 53.1927, 79.8460

Background



This preview shows how black text looks on a background with the XYZ color 58.7079, 53.1927, 79.8460.



This preview shows how white text looks on a background with the XYZ color 58.7079, 53.1927,

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

58.7079, 53.1927, 79.8460

Protanopia

53.2492, 53.3925, 85.3411

Deuteranopia

54.4756, 53.1932, 79.3476



Tritanopia

55.1356, 53.2850, 62.0227

Trichromacy



Original Color

58.7079, 53.1927, 79.8460

Protanomaly

54.9591, 53.0459, 82.9435

Deuteranomaly

55.7050, 52.8854, 79.2234

Tritanomaly

56.2139, 53.0803, 68.2555

Monochromacy



Original Color

58.7079, 53.1927, 79.8460

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.9178, 54.6530, 67.3291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7079, 53.1927, 79.8460 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, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(216, 181, 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, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 181, 227) }
```

Border

The CSS property to change the border of an element to XYZ 58.7079, 53.1927, 79.8460 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, 181, 227) }
```


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

```
.border{ border-color:rgb(216, 181, 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, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 181, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 181, 227); box-shadow:4px 4px 4px 4px rgb(216, 181, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7079, 53.1927, 79.8460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 181, 227) }
```

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

```
.background{ background-color: rgb(216,  
181, 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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