

Converting Colors

XYZ(59.1825, 51.0980, 73.1866)

Have a look what the booklet for
XYZ(59.1825, 51.0980, 73.1866)
contains.

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Color

**XYZ(59.2770, 51.2800,
73.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	E3ADDA
RGB	227, 173, 218
RGB Percent	89%, 68%, 85%
CMY	0.1098, 0.3215, 0.1451
CMYK	0.00, 0.24, 0.04, 0.11
HSL	310°, 49%, 78%
HSV	310°, 24%, 89%
XYZ	59.2770, 51.2800, 73.1035
YIQ	194.2760, 17.7390, 25.4430

Conversions

Conversions Part 2

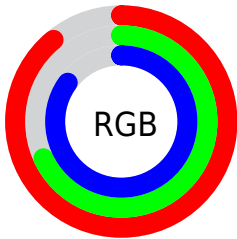
Format	Color
R _Y B	227, 173, 218
Decimal	14921178
CIE Lab	76.85, 26.98, -15.04
CIE LCh	77, 30.891, 330.855
Yxy	51.2800, 0.3228, 0.2792
Android (android.graphics.Color)	4293111258 (0xFFE3ADDA)
YUV	194.2760, 11.6959, 28.6989
Hunter-Lab	71.6101, 22.4402, -10.3995

Details

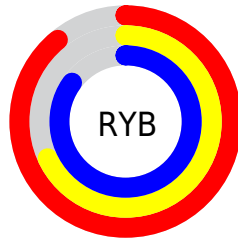
The XYZ color **59.2770, 51.2800, 73.1035** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.1482, 67.2013, 54.4288**, and the grayscale version is **51.3684, 54.0436, 58.8535**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **30.1219, 24.7352, 37.8371** is the 20% darker color. If you saturate the color by 10%, you get **54.7994, 43.1075, 69.1964**, and if you desaturate by 10%, it is **64.5084, 60.9406, 77.3189**.

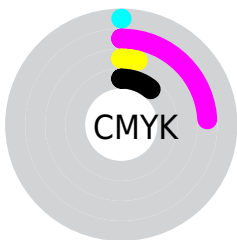
Distribution



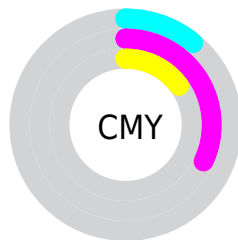
- Red (89%)
- Green (68%)
- Blue (85%)



- Red (89%)
- Yellow (68%)
- Blue (85%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2770, 51.2800, 73.1035 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 59.2770, 51.2800, 73.1035 by changing the saturation by 10% instead.

■ 59.2770, 51.2800,
73.1035

■ 59.2770, 51.2800,
73.1035

411.8052,
391.6507, 490.4538

■ 43.0834, 36.4315,
53.5683

■ 102.8925, 92.0685,
125.3464

■ 30.1453, 24.7676,
37.8658

131.0450,
118.7773, 158.8912

■ 20.0976, 15.9040,
25.5775

163.9146,
150.2084, 197.9428

■ 12.5747, 9.4563,
16.2849

201.8666,
186.7460, 242.9200

■ 7.2113, 5.0400,
9.5695

245.2662,
228.7747, 294.2411

■ 3.6421, 2.2707,
5.0126

294.4790,

■ 1.5017, 0.7581,

276.6787, 352.3247

2.1958

349.8702,
330.8426, 417.5895

■ 0.3270, 0.0000,
0.6719

■ 0.0000, 0.0000,
0.0000

■ 59.2770, 51.2800,
73.1035

■ 59.2770, 51.2800,
73.1035

■ 54.7994, 43.1075,
69.1964

■ 64.5084, 60.9406,
77.3189

■ 51.0337, 36.3414,
65.5813

■ 70.5239, 72.1518,
81.8511

■ 47.9406, 30.9028,
62.2456

■ 77.3576, 84.9811,
86.7126

■ 45.4753, 26.7020,
59.1737

■ 82.1663, 93.7420,
90.9559

43.5874, 23.6385,
56.3486

82.7132, 93.9608,
93.8359

42.2186, 21.5958,
53.7505

83.2718, 94.1842,
96.7773

41.2982, 20.4323,
51.3553

83.8421, 94.4124,
99.7804

40.8821, 20.0124,
49.9459

84.4242, 94.6452,
102.8458

85.0182, 94.8828,
105.9737

Harmonies

Analogous

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



54.7606, 51.2800, 88.4347



59.2770, 51.2800, 73.1035



60.9187, 51.2800, 55.3545

Triad

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



59.2770, 51.2800, 73.1035



48.5720, 51.2800, 29.3503



39.6789, 51.2800, 74.1074

Complementary

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



59.2770, 51.2800, 73.1035



53.1482, 67.2013, 54.4288

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.



38.3035, 51.2800, 56.3187



59.2770, 51.2800, 73.1035



43.1778, 51.2800, 32.4294

Square

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



59.2770, 51.2800, 73.1035



54.4461, 51.2800, 32.0949



39.5323, 51.2800, 41.5259



43.4473, 51.2800, 89.0914

Rectangle

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



59.2770, 51.2800, 73.1035



60.0662, 51.2800, 45.1005



39.5323, 51.2800, 41.5259



38.9355, 51.2800, 68.1509

Sweetspot

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



59.2785, 51.2823, 73.1046



89.1422, 88.9451, 104.5859



48.1024, 45.3809, 78.8980



18.9763, 18.8443, 22.3082



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.



59.2785, 51.2823, 73.1046



73.9025, 60.7795, 92.3726



56.0279, 49.9820, 55.9870



14.8865, 14.5718, 17.6028



23.8797, 11.6861, 29.3253



1.7922, 0.8746, 2.3120

Inverse Universe

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



59.2785, 51.2823, 73.1046



73.9025, 60.7795, 92.3726



56.2131, 68.4272, 70.5683



14.8865, 14.5718, 17.6028



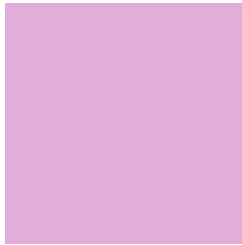
23.8797, 11.6861, 29.3253



1.7922, 0.8746, 2.3120

Previews

White Background



This preview shows how the XYZ color 59.2770, 51.2800, 73.1035 looks on a white background.

Color Contrast Check

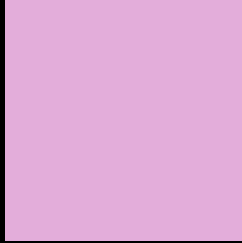
Large Text (above 18pt) WCAG AA × Fail

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 59.2770, 51.2800, 73.1035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

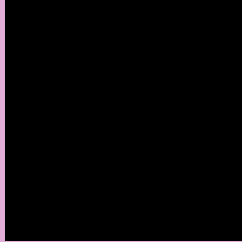
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2770, 51.2800, 73.1035

Background



This preview shows how black text looks on a background with the XYZ color 59.2770, 51.2800, 73.1035.



This preview shows how white text looks on a background with the XYZ color 59.2770, 51.2800,

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

59.2770, 51.2800, 73.1035

Protanopia

51.0429, 51.3916, 80.6281

Deuteranopia

52.5086, 51.3916, 72.1178



Tritanopia

55.8662, 51.3345, 56.8333

Trichromacy



Original Color

59.2770, 51.2800, 73.1035

Protanomaly

53.6767, 51.2546, 77.5851

Deuteranomaly

54.7804, 51.3229, 72.6647

Tritanomaly

56.8084, 51.1150, 62.1304

Monochromacy



Original Color

59.2770, 51.2800, 73.1035

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.7920, 52.5514, 63.8082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2770, 51.2800, 73.1035 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, 173, 218)` looks like.

```
.text, #text, p{  
    color:rgb(227, 173, 218)  
}
```

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, 173, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 173, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.2770, 51.2800, 73.1035 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, 173, 218) }
```


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

```
.border{ border-color:rgb(227, 173, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 173, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 173, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 173, 218);  
box-shadow:4px 4px 4px 4px rgb(227, 173,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2770, 51.2800, 73.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 173, 218) }
```

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

```
.background{ background-color: rgb(227,  
173, 218) }
```

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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