

Converting Colors

XYZ(58.4270, 51.2491, 77.1367)

Have a look what the booklet for
XYZ(58.4270, 51.2491, 77.1367)
contains.

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Color

**XYZ(58.6033, 51.4139,
77.3562)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAFE0
RGB	221, 175, 224
RGB Percent	87%, 69%, 88%
CMY	0.1333, 0.3137, 0.1216
CMYK	0.01, 0.22, 0.00, 0.12
HSL	296°, 44%, 78%
HSV	296°, 22%, 88%
XYZ	58.6033, 51.4139, 77.3562
YIQ	194.3400, 11.6870, 24.9910

Conversions

Conversions Part 2

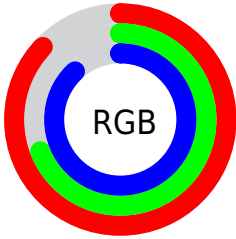
Format	Color
R _Y B	221, 175, 224
Decimal	14528480
CIE Lab	76.93, 25.01, -18.24
CIE LCh	77, 30.951, 323.897
Yxy	51.4139, 0.3128, 0.2744
Android (android.graphics.Color)	4292718560 (0xFFDDAFE0)
YUV	194.3400, 14.6224, 23.3808
Hunter-Lab	71.7035, 20.4070, -13.7717

Details

The XYZ color **58.6033, 51.4139, 77.3562** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.7555, 65.8728, 50.4942**, and the grayscale version is **51.3921, 54.0685, 58.8805**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **29.6380, 24.7830, 40.7576** is the 20% darker color. If you saturate the color by 10%, you get **54.1847, 43.1932, 76.0031**, and if you desaturate by 10%, it is **63.7516, 61.0871, 78.9527**.

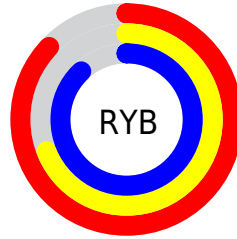
Distribution



Red (87%)

Green (69%)

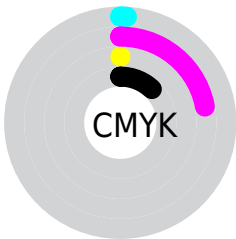
Blue (88%)



Red (87%)

Yellow (69%)

Blue (88%)

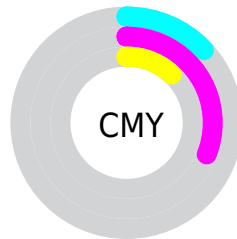


Cyan (1%)

Magenta (22%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6033, 51.4139, 77.3562 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 58.6033, 51.4139, 77.3562 by changing the saturation by 10% instead.

■ 58.6033, 51.4139,
77.3562

■ 58.6033, 51.4139,
77.3562

409.3479,
392.1697, 505.4475

■ 42.5390, 36.5381,
57.0320

■ 101.9188, 92.2663,
131.4198

■ 29.7165, 24.8501,
40.6214

129.9007,
119.0117, 165.9962

■ 19.7705, 15.9654,
27.7059

162.5859,
150.4824, 206.1604

■ 12.3356, 9.4997,
17.8670

200.3397,
187.0629, 252.3310

■ 7.0465, 5.0685,
10.6861

243.5274,
229.1374, 304.9264

■ 3.5378, 2.2875,
5.7446

292.5145,

■ 1.4441, 0.7671,

277.0905, 364.3653

2.6242

347.6662,
331.3065, 431.0662

■ 0.2873, 0.0000,
0.9049

■ 0.0000, 0.0000,
0.0000

■ 58.6033, 51.4139,
77.3562

■ 58.6033, 51.4139,
77.3562

■ 54.1847, 43.1932,
76.0031

■ 63.7516, 61.0871,
78.9527

■ 50.4555, 36.3470,
74.8782

■ 69.6580, 72.2725,
80.8004

■ 47.3785, 30.8003,
73.9697

■ 76.3554, 85.0346,
82.9108

■ 44.9112, 26.4681,
73.2636

■ 80.7317, 93.1495,
84.2464

43.0062, 23.2553,
72.7439

81.1647, 93.3727,
84.2667

41.6088, 21.0528,
72.3924

81.6012, 93.5977,
84.2871

40.6536, 19.7294,
72.1873

82.0411, 93.8245,
84.3077

40.1149, 19.1257,
72.0992

82.4845, 94.0531,
84.3285

82.9314, 94.2835,
84.3494

Harmonies

Analogous

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



53.6014, 51.4139, 91.1899



58.6033, 51.4139, 77.3562



61.0189, 51.4139, 59.5016

Triad

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



58.6033, 51.4139, 77.3562



50.0817, 51.4139, 29.5217



39.2248, 51.4139, 70.1786

Complementary

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



58.6033, 51.4139, 77.3562



52.7555, 65.8728, 50.4942

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.



38.4468, 51.4139, 52.6021



58.6033, 51.4139, 77.3562



44.4206, 51.4139, 31.2497

Square

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



58.6033, 51.4139, 77.3562



55.8509, 51.4139, 33.6469



40.2743, 51.4139, 38.9578



42.4917, 51.4139, 86.4975

Rectangle

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



58.6033, 51.4139, 77.3562



60.7094, 51.4139, 48.5450



40.2743, 51.4139, 38.9578



38.6751, 51.4139, 64.1401

Sweetspot

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



58.6049, 51.4161, 77.3573



89.2167, 88.9286, 107.0704



47.1094, 46.4453, 77.0037



18.9936, 18.8405, 22.8854



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.



58.6049, 51.4161, 77.3573



75.9455, 63.9845, 102.9552



56.8238, 50.8102, 63.1684



14.2078, 13.8907, 17.3200



23.3856, 11.1510, 41.9682



1.6464, 0.7861, 2.9102

Inverse Universe

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



54.1081, 49.7239, 48.8678



68.9719, 61.3658, 58.5208



54.3270, 66.4228, 62.3234



13.7411, 13.7141, 14.4068



17.9523, 9.2479, 1.1486



1.2565, 0.6459, 0.1436

Previews

White Background



This preview shows how the XYZ color 58.6033, 51.4139, 77.3562 looks on a white background.

Color Contrast Check

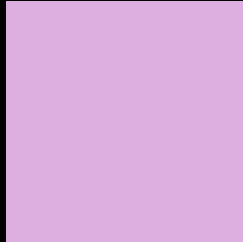
Large Text (above 18pt) WCAG AA × Fail

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 58.6033, 51.4139, 77.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

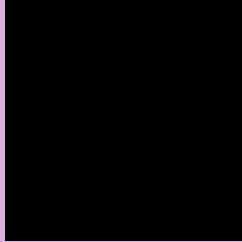
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6033, 51.4139, 77.3562

Background



This preview shows how black text looks on a background with the XYZ color 58.6033, 51.4139, 77.3562.



This preview shows how white text looks on a background with the XYZ color 58.6033, 51.4139,

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

58.6033, 51.4139, 77.3562

Protanopia

51.5136, 51.5529, 84.3264

Deuteranopia

52.7360, 51.7292, 76.3125



Tritanopia

54.6741, 51.2893, 58.0571

Trichromacy



Original Color

58.6033, 51.4139, 77.3562



Protanomaly

53.7221, 51.1822, 81.9106



Deuteranomaly

54.6758, 51.4801, 76.8670



Tritanomaly

55.8533, 51.1540, 64.6875

Monochromacy



Original Color

58.6033, 51.4139, 77.3562



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

53.6916, 52.7858, 65.1164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6033, 51.4139, 77.3562 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(221, 175, 224)` looks like.

```
.text, #text, p{  
    color:rgb(221, 175, 224)  
}
```

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(221, 175, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 175, 224) }
```

Border

The CSS property to change the border of an element to XYZ 58.6033, 51.4139, 77.3562 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(221, 175, 224) }
```


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

```
.border{ border-color:rgb(221, 175, 224) }
```

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

Here you see how a box with a 4 pixel rgb(221, 175, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 175, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 175, 224);  
box-shadow:4px 4px 4px 4px rgb(221, 175,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6033, 51.4139, 77.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 175, 224) }
```

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

```
.background{ background-color: rgb(221,  
175, 224) }
```

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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