

Converting Colors

XYZ(58.4782, 51.4754, 75.0917)

Have a look what the booklet for
XYZ(58.4782, 51.4754, 75.0917)
contains.

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Color

**XYZ(58.5053, 51.4100,
75.2462)**

Conversions

Conversions Part 1

Format	Color
Hex	DEAFDD
RGB	222, 175, 221
RGB Percent	87%, 69%, 87%
CMY	0.1294, 0.3137, 0.1333
CMYK	0.00, 0.21, 0.00, 0.13
HSL	301°, 42%, 78%
HSV	301°, 21%, 87%
XYZ	58.5053, 51.4100, 75.2462
YIQ	194.2970, 13.2460, 24.2700

Conversions

Conversions Part 2

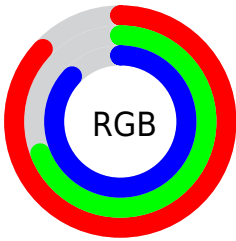
Format	Color
R _Y B	222, 175, 221
Decimal	14594013
CIE Lab	76.93, 24.78, -16.60
CIE LCh	77, 29.829, 326.175
Yxy	51.4100, 0.3160, 0.2776
Android (android.graphics.Color)	4292784093 (0xFFDEAFDD)
YUV	194.2970, 13.1646, 24.2955
Hunter-Lab	71.7008, 20.1734, -12.0312

Details

The XYZ color **58.5053, 51.4100, 75.2462** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.6390, 64.4926, 50.8037**, and the grayscale version is **51.3743, 54.0498, 58.8602**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **29.5684, 24.7792, 39.3008** is the 20% darker color. If you saturate the color by 10%, you get **54.4724, 43.4438, 73.5923**, and if you desaturate by 10%, it is **63.2518, 60.8013, 77.1400**.

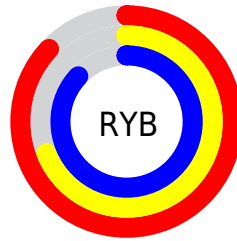
Distribution



Red (87%)

Green (69%)

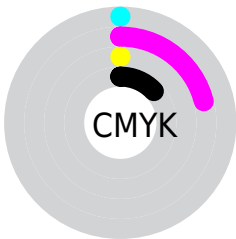
Blue (87%)



Red (87%)

Yellow (69%)

Blue (87%)

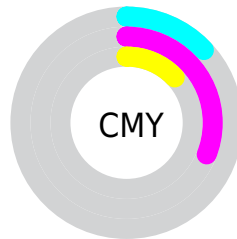


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5053, 51.4100, 75.2462 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 58.5053, 51.4100, 75.2462 by changing the saturation by 10% instead.

■ 58.5053, 51.4100,
75.2462

■ 58.5053, 51.4100,
75.2462

408.9897,
392.1546, 498.0413

■ 42.4598, 36.5350,
55.3117

■ 101.7771, 92.2605,
128.4111

■ 29.6542, 24.8477,
39.2510

129.7341,
119.0049, 162.4786

■ 19.7230, 15.9636,
26.6457

162.3924,
150.4744, 202.0941

■ 12.3010, 9.4984,
17.0773

200.1172,
187.0536, 247.6762

■ 7.0227, 5.0677,
10.1270

243.2741,
229.1269, 299.6434

■ 3.5227, 2.2870,
5.3766

292.2282,

■ 1.4358, 0.7668,

277.0785, 358.4143

2.4073

347.3449,
331.2930, 424.4075

■ 0.2815, 0.0000,
0.7904

■ 0.0000, 0.0000,
0.0000

■ 58.5053, 51.4100,
75.2462

■ 58.5053, 51.4100,
75.2462

■ 54.4724, 43.4438,
73.5923

■ 63.2518, 60.8013,
77.1400

■ 51.1136, 36.8267,
72.1634

■ 68.7396, 71.6756,
79.2812

■ 48.3931, 31.4858,
70.9482

■ 75.0004, 84.0959,
81.6809

■ 46.2696, 27.3384,
69.9328

■ 79.1892, 92.3716,
83.3908

44.6969, 24.2926,
69.1019

79.2530, 92.3972,
83.7267

43.6223, 22.2425,
68.4378

79.3169, 92.4227,
84.0634

42.9827, 21.0622,
67.9197

79.3810, 92.4484,
84.4011

42.6850, 20.5540,
67.5519

79.4454, 92.4741,
84.7397

79.5098, 92.4999,
85.0792

Harmonies

Analogous

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



53.8392, 51.4100, 88.9843



58.5053, 51.4100, 75.2462



60.5855, 51.4100, 58.0882

Triad

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



58.5053, 51.4100, 75.2462



49.5955, 51.4100, 30.2178



39.7067, 51.4100, 70.9319

Complementary

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



58.5053, 51.4100, 75.2462



51.6390, 64.4926, 50.8037

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.



38.7606, 51.4100, 53.9171



58.5053, 51.4100, 75.2462



44.2045, 51.4100, 32.3454

Square

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



58.5053, 51.4100, 75.2462



55.1959, 51.4100, 33.8138



40.3442, 51.4100, 40.3145



43.0353, 51.4100, 86.1739

Rectangle

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



58.5053, 51.4100, 75.2462



60.1160, 51.4100, 47.7110



40.3442, 51.4100, 40.3145



39.1111, 51.4100, 65.1459

Sweetspot

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



58.5069, 51.4122, 75.2473



90.3095, 90.6027, 107.0614



46.3726, 45.1414, 75.3772



19.2244, 19.1836, 22.8744



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.



58.5069, 51.4122, 75.2473



77.7577, 65.7637, 102.0620



55.6163, 50.2560, 60.0260



14.2818, 13.9303, 17.2540



25.3593, 12.2107, 40.1535



1.7618, 0.8480, 2.8047

Inverse Universe

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



58.5069, 51.4122, 75.2473



77.7577, 65.7637, 102.0620



54.1441, 65.4947, 63.9954



14.2818, 13.9303, 17.2540



25.3593, 12.2107, 40.1535



1.7618, 0.8480, 2.8047

Previews

White Background



This preview shows how the XYZ color 58.5053, 51.4100, 75.2462 looks on a white background.

Color Contrast Check

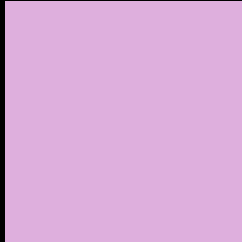
Large Text (above 18pt) WCAG AA × Fail

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 58.5053, 51.4100, 75.2462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

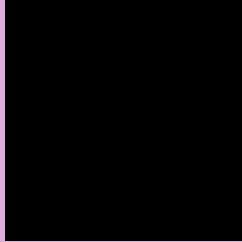
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5053, 51.4100, 75.2462

Background



This preview shows how black text looks on a background with the XYZ color 58.5053, 51.4100, 75.2462.



This preview shows how white text looks on a background with the XYZ color 58.5053, 51.4100,

75.2462.

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

58.5053, 51.4100, 75.2462

Protanopia

51.3222, 51.5034, 82.0991

Deuteranopia

52.6408, 51.4145, 74.1674



Tritanopia

54.9723, 51.4430, 58.0711

Trichromacy



Original Color

58.5053, 51.4100, 75.2462

Protanomaly

53.5636, 51.1488, 79.7226

Deuteranomaly

54.6190, 51.1942, 74.7129

Tritanomaly

56.0329, 51.2605, 64.0678

Monochromacy



Original Color

58.5053, 51.4100, 75.2462

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.5712, 52.7377, 64.4826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5053, 51.4100, 75.2462 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(222, 175, 221)` looks like.

```
.text, #text, p{  
    color:rgb(222, 175, 221)  
}
```

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(222, 175, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 175, 221) }
```

Border

The CSS property to change the border of an element to XYZ 58.5053, 51.4100, 75.2462 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(222, 175, 221) }
```


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

```
.border{ border-color:rgb(222, 175, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 175, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 175, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 175, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 175,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5053, 51.4100, 75.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 175, 221) }
```

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

```
.background{ background-color: rgb(222,  
175, 221) }
```

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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