

Converting Colors

XYZ(51.4319, 46.3334, 58.5112)

Have a look what the booklet for
XYZ(51.4319, 46.3334, 58.5112)
contains.

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Color

**XYZ(51.5923, 46.5076,
58.4822)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A9C4
RGB	213, 169, 196
RGB Percent	84%, 66%, 77%
CMY	0.1647, 0.3372, 0.2314
CMYK	0.00, 0.21, 0.08, 0.16
HSL	323°, 34%, 75%
HSV	323°, 21%, 84%
XYZ	51.5923, 46.5076, 58.4822
YIQ	185.2340, 17.5570, 17.7250

Conversions

Conversions Part 2

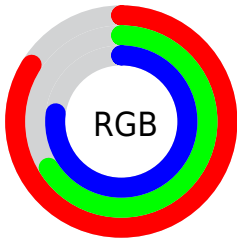
Format	Color
R _Y B	213, 169, 196
Decimal	14002628
CIE Lab	73.87, 20.48, -7.62
CIE LCh	74, 21.852, 339.593
Yxy	46.5076, 0.3295, 0.2970
Android (android.graphics.Color)	4292192708 (0xFFD5A9C4)
YUV	185.2340, 5.3076, 24.3508
Hunter-Lab	68.1965, 15.6958, -3.1069

Details

The XYZ color **51.5923, 46.5076, 58.4822** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.0212, 59.5699, 55.3715**, and the grayscale version is **46.2100, 48.6165, 52.9434**.

A 20% lighter version of the original color is **85.6253, 81.6632, 104.1781**, and **25.3443, 21.9447, 28.4911** is the 20% darker color. If you saturate the color by 10%, you get **47.0369, 38.8546, 52.4681**, and if you desaturate by 10%, it is **56.8473, 55.4763, 64.9841**.

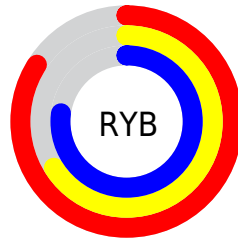
Distribution



Red (84%)

Green (66%)

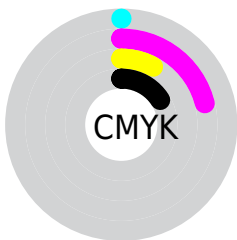
Blue (77%)



Red (84%)

Yellow (66%)

Blue (77%)

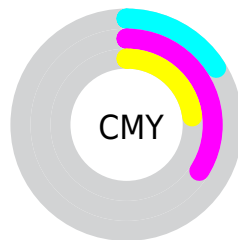


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (16%)



Cyan (16%)


Magenta (34%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5923, 46.5076, 58.4822 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 51.5923, 46.5076, 58.4822 by changing the saturation by 10% instead.


 51.5923, 46.5076,
58.4822


 51.5923, 46.5076,
58.4822


383.2105,
372.8456, 436.6287

 36.9032, 32.6466,
41.7792


 91.7075, 84.9782,
104.1464

 25.3059, 21.8558,
28.6041


 117.8642,
110.3565, 133.9447

 16.4350, 13.7510,
18.5386


148.5742,
140.3427, 168.9451

 9.9253, 7.9477,
11.1639

184.2029,
175.3211, 209.5663

 5.4113, 4.0615,
6.0616

225.1154,
215.6763, 256.2267

 2.5278, 1.7080,
2.8132

271.6773,

 0.9093, 0.4288,

261.7925, 309.3448

1.0001

324.2539,
314.0541, 369.3393

■ 0.0000, 0.0000,
0.0000

■ 51.5923, 46.5076,
58.4822

■ 51.5923, 46.5076,
58.4822

■ 47.0369, 38.8546,
52.4681

■ 56.8473, 55.4763,
64.9841

■ 43.1450, 32.4483,
46.9242

■ 62.8277, 65.8129,
71.9849

■ 39.8834, 27.2229,
41.8358

■ 69.5630, 77.5746,
79.4986

■ 37.2140, 23.1039,
37.1861

■ 77.0798, 90.8131,
87.5379

■ 35.0948, 20.0082,
32.9565

■ 78.5091, 91.7896,
93.8168

■ 33.4775, 17.8410,
29.1267

■ 79.7407, 92.2822,
100.3022

■ 32.3050, 16.4895,
25.6729

■ 81.0282, 92.7972,
107.0822

■ 31.5171, 15.7768,
22.7498

■ 81.2508, 92.8863,
108.2542

Harmonies

Analogous

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



49.1451, 46.5076, 69.0066



51.5923, 46.5076, 58.4822



51.9978, 46.5076, 47.1518

Triad

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



51.5923, 46.5076, 58.4822



42.9691, 46.5076, 32.3160



38.6866, 46.5076, 65.5568

Complementary

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



51.5923, 46.5076, 58.4822



49.0212, 59.5699, 55.3715

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.



37.2308, 46.5076, 54.2938



51.5923, 46.5076, 58.4822



39.6059, 46.5076, 35.8592

Square

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



51.5923, 46.5076, 58.4822



46.8640, 46.5076, 33.0968



37.5572, 46.5076, 43.5302



41.6467, 46.5076, 73.4887

Rectangle

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



51.5923, 46.5076, 58.4822



51.0330, 46.5076, 40.7787



37.5572, 46.5076, 43.5302



38.0132, 46.5076, 61.9726

Sweetspot

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



51.5937, 46.5097, 58.4832



89.4245, 90.2487, 102.4012



46.4174, 43.6048, 68.9214



19.0148, 19.0998, 21.7703



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.



51.5937, 46.5097, 58.4832



74.2599, 64.3646, 83.6433



49.2832, 45.5855, 46.3163



12.7402, 12.5476, 14.5723



19.3032, 9.6576, 14.1667



1.2042, 0.5985, 1.0648

Inverse Universe

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



51.5937, 46.5097, 58.4832



74.2599, 64.3646, 83.6433



51.5267, 60.5721, 68.5652



12.7402, 12.5476, 14.5723



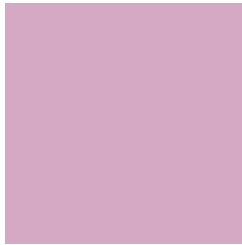
19.3032, 9.6576, 14.1667



1.2042, 0.5985, 1.0648

Previews

White Background



This preview shows how the XYZ color 51.5923, 46.5076, 58.4822 looks on a white background.

Color Contrast Check

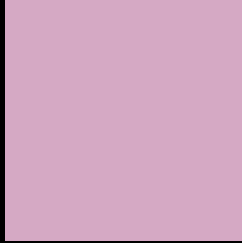
Large Text (above 18pt) WCAG AA × Fail

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 51.5923, 46.5076, 58.4822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

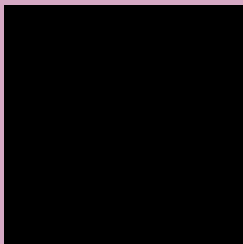
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5923, 46.5076, 58.4822

Background



This preview shows how black text looks on a background with the XYZ color 51.5923, 46.5076, 58.4822.



This preview shows how white text looks on a background with the XYZ color 51.5923, 46.5076,

58.4822.

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

51.5923, 46.5076, 58.4822

Protanopia

45.8938, 46.9432, 63.1420

Deuteranopia

47.8206, 46.8537, 58.1530



Tritanopia

50.0786, 46.4354, 51.6709

Trichromacy



Original Color

51.5923, 46.5076, 58.4822

Protanomaly

47.6333, 46.6908, 61.1453

Deuteranomaly

49.0738, 46.6297, 58.0437

Tritanomaly

50.6032, 46.3773, 53.8616

Monochromacy



Original Color

51.5923, 46.5076, 58.4822

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.8111, 47.5164, 54.7958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5923, 46.5076, 58.4822 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(213, 169, 196)` looks like.

```
.text, #text, p{  
    color:rgb(213, 169, 196)  
}
```

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(213, 169, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 169, 196) }
```

Border

The CSS property to change the border of an element to XYZ 51.5923, 46.5076, 58.4822 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(213, 169, 196) }
```


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

```
.border{ border-color:rgb(213, 169, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 169, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 169, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 169, 196);  
box-shadow:4px 4px 4px 4px rgb(213, 169,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5923, 46.5076, 58.4822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 169, 196) }
```

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

```
.background{ background-color: rgb(213,  
169, 196) }
```

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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