

Converting Colors

XYZ(59.8616, 50.9540,
101.2710)

Have a look what the booklet for
XYZ(59.8616, 50.9540, 101.2710)
contains.

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Color

**XYZ(59.8575, 50.9560,
101.2884)**

Conversions

Conversions Part 1

Format	Color
Hex	D3ADFF
RGB	211, 173, 255
RGB Percent	83%, 68%, 100%
CMY	0.1725, 0.3216, 0.0000
CMYK	0.17, 0.32, 0.00, 0.00
HSL	268°, 100%, 84%
HSV	268°, 32%, 100%
XYZ	59.8575, 50.9560, 101.2884
YIQ	193.7100, -3.6740, 33.5580

Conversions

Conversions Part 2

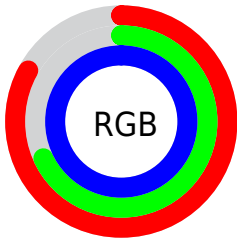
Format	Color
R _{YB}	211, 173, 255
Decimal	13872639
CIE Lab	76.65, 29.21, -35.49
CIE LCh	77, 45.969, 309.459
Yxy	50.9560, 0.2822, 0.2402
Android (android.graphics.Color)	4292062719 (0xFFD3ADFF)
YUV	193.7100, 30.2160, 15.1633
Hunter-Lab	71.3835, 24.7573, -34.1601

Details

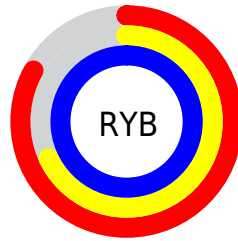
The XYZ color **59.8575, 50.9560, 101.2884** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.9191, 89.2893, 52.9814**, and the grayscale version is **50.9370, 53.5897, 58.3592**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **30.4271, 24.4787, 56.5473** is the 20% darker color. If you saturate the color by 10%, you get **51.6720, 40.1581, 99.6356**, and if you desaturate by 10%, it is **69.3129, 63.7961, 103.2684**.

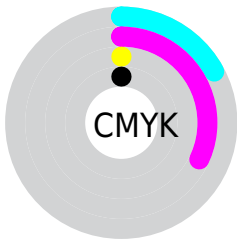
Distribution



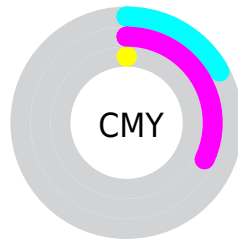
- Red (83%)
- Green (68%)
- Blue (100%)



- Red (83%)
- Yellow (68%)
- Blue (100%)



- Cyan (17%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8575, 50.9560, 101.2884 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 59.8575, 50.9560, 101.2884 by changing the saturation by 10% instead.

■ 59.8575, 50.9560,
101.2884

■ 59.8575, 50.9560,
101.2884

413.9155,
390.3928, 585.5975

■ 43.5528, 36.1736,
76.7541

■ 103.7304, 91.5897,
164.9939

■ 30.5155, 24.5683,
56.5407

132.0294,
118.2098, 205.0022

■ 20.3802, 15.7557,
40.2297

165.0572,
149.5446, 251.0056

■ 12.7816, 9.3515,
27.4025

203.1791,
185.9785, 303.4225

■ 7.3543, 4.9711,
17.6407

246.7605,
227.8959, 362.6717

■ 3.7329, 2.2303,
10.5256

296.1668,

■ 1.5522, 0.7365,

275.6811, 429.1715

5.6386

351.7634,
329.7186, 503.3406

■ 0.3609, 0.0000,
2.5614

■ 0.0000, 0.0000,
0.8724

■ 59.8575, 50.9560,
101.2884

■ 59.8575, 50.9560,
101.2884

■ 51.6720, 40.1581,
99.6356

■ 69.3129, 63.7961,
103.2684

■ 44.6903, 31.2856,
98.2910

■ 80.0905, 78.7746,
105.5915

■ 38.8466, 24.2190,
97.2350

■ 92.2452, 95.9885,
108.2735

■ 34.0663, 18.8220,
96.4453

■ 95.0500, 100.0000,
108.9000

■ 30.2642, 14.9384,
95.8960

■ 27.3391, 12.3802,
95.5564

■ 25.5445, 11.0835,
95.4007

Harmonies

Analogous

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



51.2330, 50.9560, 117.4092



59.8575, 50.9560, 101.2884



65.8421, 50.9560, 74.0429

Triad

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



59.8575, 50.9560, 101.2884



54.5407, 50.9560, 21.6306



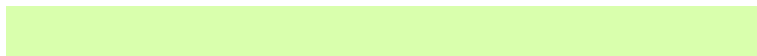
33.7372, 50.9560, 63.7320

Complementary

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



59.8575, 50.9560, 101.2884



71.9191, 89.2893, 52.9814

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.



34.3984, 50.9560, 40.3159



59.8575, 50.9560, 101.2884



45.7353, 50.9560, 20.3780

Square

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



59.8575, 50.9560, 101.2884



62.5264, 50.9560, 30.2698



38.5619, 50.9560, 26.1093



36.6330, 50.9560, 91.8290

Rectangle

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



59.8575, 50.9560, 101.2884



67.1548, 50.9560, 55.9360



38.5619, 50.9560, 26.1093



33.5594, 50.9560, 55.0313

Sweetspot

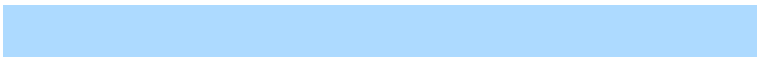
The Sweet Spot groups the original color and five complimentary colors.



59.8591, 50.9580, 101.2887



82.5918, 82.2924, 106.1387



60.3824, 66.3004, 104.2225



17.3274, 17.1204, 22.6413



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.



59.8591, 50.9580, 101.2887



54.1220, 43.3521, 100.1230



72.7421, 57.5995, 101.8916



17.8031, 17.7902, 22.7455



13.5158, 5.8781, 49.8568



1.4405, 0.6365, 4.8602

Inverse Universe

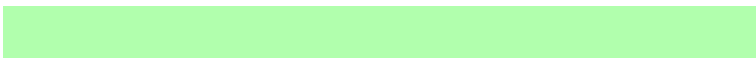
The Inverse Universe completely reimagines the original color for something new.



68.7090, 56.1586, 72.8652



64.5510, 49.4853, 66.4147



61.4584, 83.8966, 52.4918



18.4169, 18.1501, 20.8125



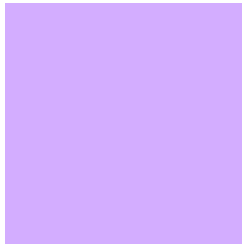
23.9780, 12.0805, 13.8006



2.3899, 1.1983, 1.6344

Previews

White Background



This preview shows how the XYZ color 59.8575, 50.9560, 101.2884 looks on a white background.

Color Contrast Check

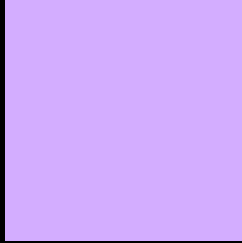
Large Text (above 18pt) WCAG AA × Fail

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 59.8575, 50.9560, 101.2884 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 59.8575, 50.9560, 101.2884

Background



This preview shows how black text looks on a background with the XYZ color 59.8575, 50.9560, 101.2884.



This preview shows how white text looks on a background with the XYZ color 59.8575, 50.9560,

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

59.8575, 50.9560, 101.2884

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.3632, 51.0303, 99.1855



Tritanopia

51.8064, 50.9611, 61.1388

Trichromacy



Original Color

59.8575, 50.9560, 101.2884



Protanomaly

54.5451, 50.8662, 101.5511



Deuteranomaly

54.7470, 50.7044, 99.8300

Tritanomaly

54.2843, 50.7361, 73.9498

Monochromacy



Original Color

59.8575, 50.9560, 101.2884



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

53.7730, 52.3550, 72.2371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8575, 50.9560, 101.2884 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(211, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 173, 255)  
}
```

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(211, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.8575, 50.9560, 101.2884 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(211, 173, 255) }
```


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

```
.border{ border-color:rgb(211, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8575, 50.9560, 101.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 173, 255) }
```

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

```
.background{ background-color: rgb(211,  
173, 255) }
```

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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