

Converting Colors

XYZ(60.0913, 50.5429,
101.1963)

Have a look what the booklet for
XYZ(60.0913, 50.5429, 101.1963)
contains.

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Color

**XYZ(60.0535, 50.4920,
101.1885)**

Conversions

Conversions Part 1

Format	Color
Hex	D5ABFF
RGB	213, 171, 255
RGB Percent	84%, 67%, 100%
CMY	0.1647, 0.3294, 0.0000
CMYK	0.16, 0.33, 0.00, 0.00
HSL	270°, 100%, 84%
HSV	270°, 33%, 100%
XYZ	60.0535, 50.4920, 101.1885
YIQ	193.1340, -1.9320, 35.0280

Conversions

Conversions Part 2

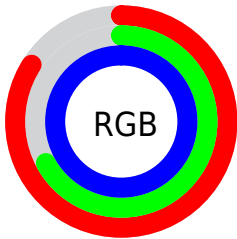
Format	Color
RYB	213, 171, 255
Decimal	14003199
CIELab	76.37, 30.90, -35.91
CIELCh	76, 47.376, 310.706
Yxy	50.4920, 0.2836, 0.2385
Android (android.graphics.Color)	4292193279 (0xFFD5ABFF)
YUV	193.1340, 30.4999, 17.4225
Hunter-Lab	71.0577, 26.5059, -34.6905

Details

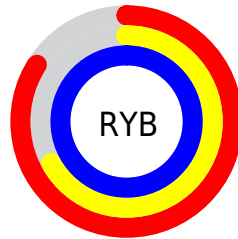
The XYZ color **60.0535, 50.4920, 101.1885** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **70.5523, 88.6069, 51.9146**, and the grayscale version is **50.5959, 53.2309, 57.9684**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **30.5761, 24.2022, 56.4860** is the 20% darker color. If you saturate the color by 10%, you get **52.1396, 39.9395, 99.5688**, and if you desaturate by 10%, it is **69.1904, 63.0566, 103.1322**.

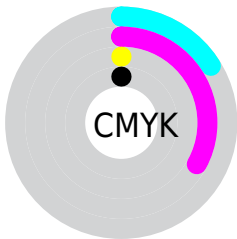
Distribution



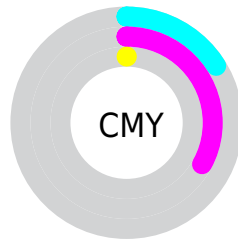
- Red (84%)
- Green (67%)
- Blue (100%)



- Red (84%)
- Yellow (67%)
- Blue (100%)



- Cyan (16%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0535, 50.4920, 101.1885 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 60.0535, 50.4920, 101.1885 by changing the saturation by 10% instead.


 60.0535, 50.4920,
101.1885

 60.0535, 50.4920,
101.1885


414.6265,
388.5869, 585.2756

 43.7114, 35.8045,
76.6711

 104.0132, 90.9034,
164.8556

 30.6406, 24.2832,
56.4730


132.3614,
117.3961, 204.8423

 20.4758, 15.5439,
40.1757

165.4425,
148.5927, 250.8226

 12.8517, 9.2020,
27.3608

203.6216,
184.8774, 303.2149

 7.4028, 4.8731,
17.6095

247.2643,
226.6348, 362.4378

 3.7638, 2.1730,
10.5035

296.7357,

 1.5694, 0.7052,

274.2493, 428.9099

5.6241

352.4013,
328.1052, 503.0497

■ 0.3723, 0.0000,
2.5528

■ 0.0000, 0.0000,
0.8679

■ 60.0535, 50.4920,
101.1885

■ 60.0535, 50.4920,
101.1885

■ 52.1396, 39.9395,
99.5688

■ 69.1904, 63.0566,
103.1322

■ 45.3837, 31.2823,
98.2538

■ 79.6013, 77.7291,
105.4155

■ 39.7215, 24.4008,
97.2240

■ 91.3398, 94.6066,
108.0545

■ 35.0793, 19.1585,
96.4568

■ 95.0500, 100.0000,
108.9000

■ 31.3730, 15.3980,
95.9263

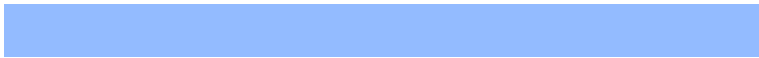
■ 28.5016, 12.9292,
95.6011

■ 26.8772, 11.7706,
95.4631

Harmonies

Analogous

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



51.2446, 50.4920, 118.6515



60.0535, 50.4920, 101.1885



66.0445, 50.4920, 72.8341

Triad

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



60.0535, 50.4920, 101.1885



53.8771, 50.4920, 20.4543



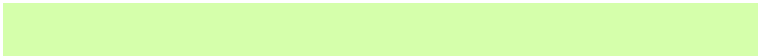
33.0492, 50.4920, 64.6048

Complementary

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



60.0535, 50.4920, 101.1885



70.5523, 88.6069, 51.9146

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.



33.5697, 50.4920, 40.3071



60.0535, 50.4920, 101.1885



44.8784, 50.4920, 19.4863

Square

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



60.0535, 50.4920, 101.1885



62.1847, 50.4920, 28.7854



37.6629, 50.4920, 25.5407



36.1405, 50.4920, 93.5849

Rectangle

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



60.0535, 50.4920, 101.1885



67.2405, 50.4920, 54.3748



37.6629, 50.4920, 25.5407



32.8182, 50.4920, 55.5841

Sweetspot

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



60.0550, 50.4940, 101.1888



82.9117, 82.4573, 106.1537



58.6404, 63.4681, 103.7676



17.4047, 17.1603, 22.6449



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.



60.0550, 50.4940, 101.1888



54.3432, 42.8399, 100.0125



73.8538, 57.6075, 101.8346



17.8684, 17.8239, 22.7485



14.2161, 6.2391, 49.8896



1.5101, 0.6724, 4.8635

Inverse Universe

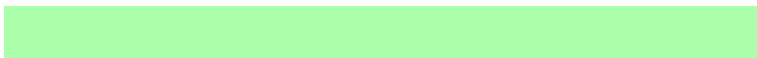
The Inverse Universe completely reimagines the original color for something new.



67.8142, 55.1917, 70.0310



63.5303, 48.4021, 63.1207



59.9067, 83.1189, 51.4164



18.3882, 18.1386, 20.6613



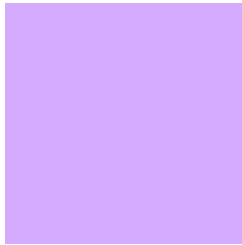
23.6429, 11.9464, 12.0357



2.3571, 1.1852, 1.4621

Previews

White Background



This preview shows how the XYZ color 60.0535, 50.4920, 101.1885 looks on a white background.

Color Contrast Check

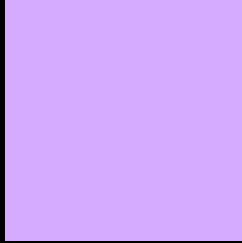
Large Text (above 18pt) WCAG AA × Fail

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 60.0535, 50.4920, 101.1885 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 60.0535, 50.4920, 101.1885

Background



This preview shows how black text looks on a background with the XYZ color 60.0535, 50.4920, 101.1885.

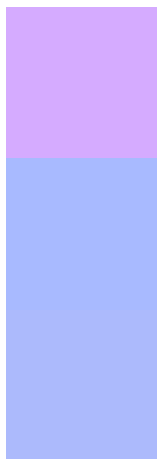


This preview shows how white text looks on a background with the XYZ color 60.0535, 50.4920,

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

60.0535, 50.4920, 101.1885

Protanopia

51.7574, 50.6626, 101.6587

Deuteranopia

52.1429, 50.9167, 99.1752



Tritanopia

51.6401, 50.5947, 59.8673

Trichromacy



Original Color

60.0535, 50.4920, 101.1885



Protanomaly

54.3410, 50.4581, 101.4830



Deuteranomaly

54.7470, 50.7044, 99.8300

Tritanomaly

54.5071, 50.5676, 73.2173

Monochromacy



Original Color

60.0535, 50.4920, 101.1885



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.5630, 51.9352, 72.1672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0535, 50.4920, 101.1885 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, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 171, 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(213, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 171, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.0535, 50.4920, 101.1885 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, 171, 255) }
```


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

```
.border{ border-color:rgb(213, 171, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 171,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0535, 50.4920, 101.1885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 171, 255) }
```

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

```
.background{ background-color: rgb(213,  
171, 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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