

Converting Colors

XYZ(57.1620, 45.9476,
100.4637)

Have a look what the booklet for
XYZ(57.1620, 45.9476, 100.4637)
contains.

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Color

**XYZ(57.1991, 46.0632,
100.4841)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D2A0FF |
| RGB | 210, 160, 255 |
| RGB Percent | 82%, 63%, 100% |
| CMY | 0.1765, 0.3725, 0.0000 |
| CMYK | 0.18, 0.37, 0.00, 0.00 |
| HSL | 272°, 100%, 81% |
| HSV | 272°, 37%, 100% |
| XYZ | 57.1991, 46.0632, 100.4841 |
| YIQ | 185.7800, -0.6950, 40.1450 |

Conversions

Conversions Part 2

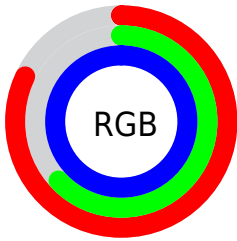
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 210, 160, 255 |
| Decimal | 13803775 |
| CIE Lab | 73.59, 35.99, -40.26 |
| CIE LCh | 74, 54.000, 311.794 |
| Yxy | 46.0632, 0.2807, 0.2261 |
| Android (android.graphics.Color) | 4291993855 (0xFFD2A0FF) |
| YUV | 185.7800, 34.1255, 21.2409 |
| Hunter-Lab | 67.8699, 31.6632, -40.2723 |

Details

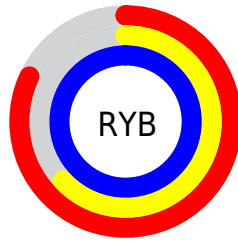
The XYZ color **57.1991, 46.0632, 100.4841** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.2828, 87.0376, 46.5133**, and the grayscale version is **46.3659, 48.7805, 53.1220**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **28.8820, 21.6724, 56.0870** is the 20% darker color. If you saturate the color by 10%, you get **49.9135, 36.4053, 99.0039**, and if you desaturate by 10%, it is **65.6537, 57.6716, 102.2792**.

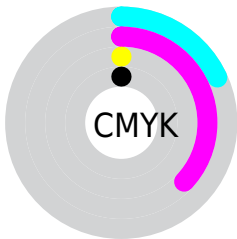
Distribution



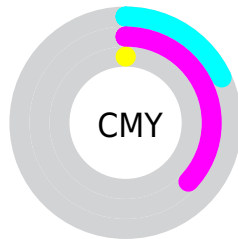
- Red (82%)
- Green (63%)
- Blue (100%)



- Red (82%)
- Yellow (63%)
- Blue (100%)



- Cyan (18%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1991, 46.0632, 100.4841 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 57.1991, 46.0632, 100.4841 by changing the saturation by 10% instead.

57.1991, 46.0632,
100.4841

57.1991, 46.0632,
100.4841

404.1971,
371.0627, 583.0036

41.4059, 32.2957,
76.0858

99.8853, 84.3136,
163.8800

28.8254, 21.5875,
55.9958

127.5090,
109.5652, 203.7146

19.0924, 13.5541,
39.7955

159.8070,
139.4137, 249.5317

11.8415, 7.8112,
27.0666

197.1444,
174.2435, 301.7498

6.7073, 3.9744,
17.3904

239.8868,
214.4388, 360.7875

3.3244, 1.6592,
10.3483

288.3995,

1.3275, 0.3971,

260.3842, 427.0634

5.5219

343.0478,
312.4640, 500.9959

■ 0.2037, 0.0000,
2.4926

■ 0.0000, 0.0000,
0.8362

■ 57.1991, 46.0632,
100.4841

■ 57.1991, 46.0632,
100.4841

■ 49.9135, 36.4053,
99.0039

■ 65.6537, 57.6716,
102.2792

■ 43.7311, 28.5778,
97.8189

■ 75.3295, 71.3301,
104.4055

■ 38.5855, 22.4558,
96.9085

■ 86.2807, 87.1376,
106.8795

■ 34.4001, 17.8952,
96.2488

95.0500, 100.0000,
108.9000

■ 31.0859, 14.7273,
95.8120

■ 28.5296, 12.7353,
95.5622

■ 27.9153, 12.3058,
95.5117

Harmonies

Analogous

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



47.6441, 46.0632, 121.2808



57.1991, 46.0632, 100.4841



63.6503, 46.0632, 68.4511

Triad

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



57.1991, 46.0632, 100.4841



49.7749, 46.0632, 14.9431



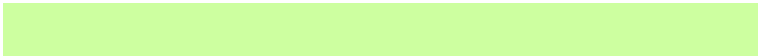
28.1507, 46.0632, 61.6930

Complementary

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



57.1991, 46.0632, 100.4841



67.2828, 87.0376, 46.5133

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.



28.5488, 46.0632, 35.4494



57.1991, 46.0632, 100.4841



40.1339, 46.0632, 14.2739

Square

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



57.1991, 46.0632, 100.4841



58.9531, 46.0632, 22.6312



32.6460, 46.0632, 20.2705



31.4658, 46.0632, 94.0153

Rectangle

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



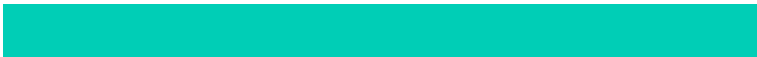
57.1991, 46.0632, 100.4841



64.8260, 46.0632, 48.5265



32.6460, 46.0632, 20.2705



27.8695, 46.0632, 51.8195

Sweetspot

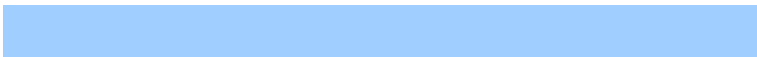
The Sweet Spot groups the original color and five complimentary colors.



57.2006, 46.0650, 100.4844



82.0250, 80.9574, 105.9109



54.5998, 58.7975, 103.0791



17.2368, 16.8659, 22.5969



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.



57.2006, 46.0650, 100.4844



51.4568, 38.4177, 99.3110



71.6076, 53.5215, 99.8335



17.9156, 17.8482, 22.7507



14.7602, 6.5197, 49.9151



1.5634, 0.6999, 4.8660

Inverse Universe

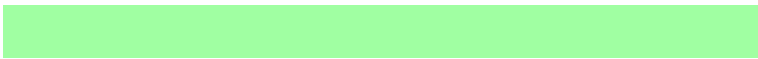
The Inverse Universe completely reimagines the original color for something new.



64.8311, 50.8109, 64.1491



60.4603, 44.0116, 56.7041



56.7430, 81.5880, 46.7478



18.3676, 18.1304, 20.5530



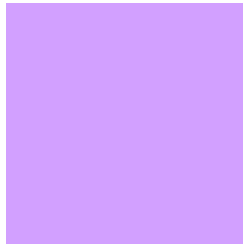
23.4195, 11.8571, 10.8596



2.3350, 1.1764, 1.3455

Previews

White Background



This preview shows how the XYZ color 57.1991, 46.0632, 100.4841 looks on a white background.

Color Contrast Check

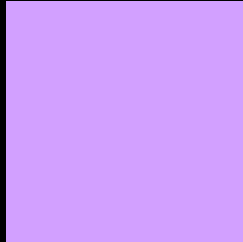
Large Text (above 18pt) WCAG AA × Fail

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 57.1991, 46.0632, 100.4841 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 57.1991, 46.0632, 100.4841

Background



This preview shows how black text looks on a background with the XYZ color 57.1991, 46.0632, 100.4841.



This preview shows how white text looks on a background with the XYZ color 57.1991, 46.0632,

100.4841.

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

57.1991, 46.0632, 100.4841

Protanopia

47.8804, 46.5281, 101.0650

Deuteranopia

47.6332, 46.4743, 97.7267



Tritanopia

47.7663, 46.0451, 53.9470

Trichromacy



Original Color

57.1991, 46.0632, 100.4841



Protanomaly

50.7070, 45.9552, 100.8054



Deuteranomaly

50.4547, 45.8804, 98.2920

Tritanomaly

50.7002, 45.8259, 68.4604

Monochromacy



Original Color

57.1991, 46.0632, 100.4841



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.9857, 47.7495, 68.2101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1991, 46.0632, 100.4841 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(210, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 160, 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(210, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 160, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.1991, 46.0632, 100.4841 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(210, 160, 255) }
```


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

```
.border{ border-color:rgb(210, 160, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 160,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1991, 46.0632, 100.4841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 160, 255) }
```

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

```
.background{ background-color: rgb(210,  
160, 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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