

Converting Colors

XYZ(71.0687, 51.5318,
172.6119)

Have a look what the booklet for
XYZ(71.0687, 51.5318, 172.6119)
contains.

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Color

**XYZ(57.4848, 46.2105,
100.4975)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A0FF
RGB	211, 160, 255
RGB Percent	83%, 63%, 100%
CMY	0.1725, 0.3725, 0.0000
CMYK	0.17, 0.37, 0.00, 0.00
HSL	272°, 100%, 81%
HSV	272°, 37%, 100%
XYZ	57.4848, 46.2105, 100.4975
YIQ	186.0790, -0.0990, 40.3570

Conversions

Conversions Part 2

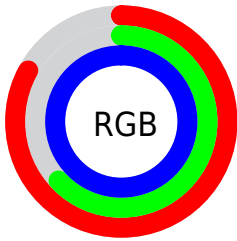
Format	Color
RYB	211, 160, 255
Decimal	13869311
CIELab	73.68, 36.28, -40.10
CIELCh	74, 54.079, 312.133
Yxy	46.2105, 0.2815, 0.2263
Android (android.graphics.Color)	4292059391 (0xFFD3A0FF)
YUV	186.0790, 33.9781, 21.8557
Hunter-Lab	67.9783, 31.9837, -40.0681

Details

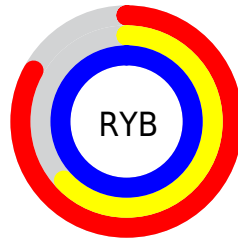
The XYZ color **57.4848, 46.2105, 100.4975** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.0078, 86.8958, 46.5005**, and the grayscale version is **46.5335, 48.9568, 53.3140**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **29.0732, 21.7709, 56.0960** is the 20% darker color. If you saturate the color by 10%, you get **50.2492, 36.5783, 99.0196**, and if you desaturate by 10%, it is **65.8785, 57.7875, 102.2897**.

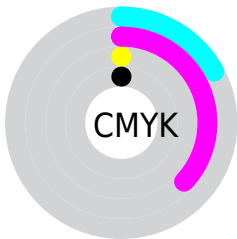
Distribution



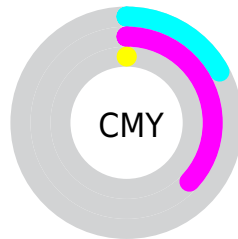
- Red (83%)
- Green (63%)
- Blue (100%)



- Red (83%)
- Yellow (63%)
- Blue (100%)



- Cyan (17%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4848, 46.2105, 100.4975 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 57.4848, 46.2105, 100.4975 by changing the saturation by 10% instead.


 57.4848, 46.2105,
100.4975


 57.4848, 46.2105,
100.4975


405.2483,
371.6543, 583.0468

 41.6363, 32.4120,
76.0969

 100.2995, 84.5339,
163.8985

 29.0064, 21.6764,
56.0048


 127.9964,
109.8276, 203.7360

 19.2300, 13.6193,
39.8028

160.3734,
139.7218, 249.5562

 11.9416, 7.8564,
27.0722

197.7960,
174.6009, 301.7777

 6.7758, 4.0032,
17.3945

240.6294,
214.8493, 360.8189

 3.3674, 1.6753,
10.3513

289.2390,

 1.3509, 0.4076,

260.8514, 427.0985

5.5238

343.9902,
312.9916, 501.0350

■ 0.2208, 0.0000,
2.4937

■ 0.0000, 0.0000,
0.8368

■ 57.4848, 46.2105,
100.4975

■ 57.4848, 46.2105,
100.4975

■ 50.2492, 36.5783,
99.0196

■ 65.8785, 57.7875,
102.2897

■ 44.1062, 28.7712,
97.8365

■ 75.4820, 71.4087,
104.4127

■ 38.9898, 22.6642,
96.9274

■ 86.3492, 87.1730,
106.8827

■ 34.8239, 18.1137,
96.2686

95.0500, 100.0000,
108.9000

■ 31.5199, 14.9511,
95.8323

■ 28.9650, 12.9597,
95.5826

■ 28.3496, 12.5296,
95.5320

Harmonies

Analogous

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



47.9112, 46.2105, 121.5878



57.4848, 46.2105, 100.4975



63.9059, 46.2105, 68.3125

Triad

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



57.4848, 46.2105, 100.4975



49.8234, 46.2105, 14.9391



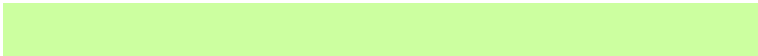
28.2524, 46.2105, 62.2471

Complementary

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



57.4848, 46.2105, 100.4975



67.0078, 86.8958, 46.5005

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.



28.6096, 46.2105, 35.7942



57.4848, 46.2105, 100.4975



40.1601, 46.2105, 14.3390

Square

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



57.4848, 46.2105, 100.4975



59.0590, 46.2105, 22.5591



32.6797, 46.2105, 20.4416



31.6208, 46.2105, 94.6907

Rectangle

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



57.4848, 46.2105, 100.4975



65.0377, 46.2105, 48.3759



32.6797, 46.2105, 20.4416



27.9562, 46.2105, 52.3061

Sweetspot

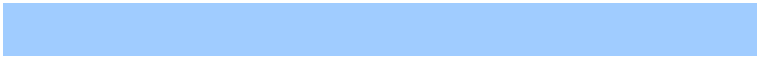
The Sweet Spot groups the original color and five complimentary colors.



57.4863, 46.2123, 100.4978



82.1263, 81.0096, 105.9156



54.2207, 58.0394, 102.9527



17.2609, 16.8783, 22.5980



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.



57.4863, 46.2123, 100.4978



51.7822, 38.5854, 99.3263



71.3558, 53.4208, 98.5075



17.9345, 17.8580, 22.7516



14.9875, 6.6368, 49.9257



1.5854, 0.7112, 4.8670

Inverse Universe

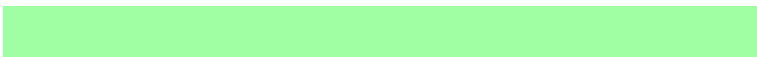
The Inverse Universe completely reimagines the original color for something new.



64.7108, 50.7628, 63.5153



60.3246, 43.9573, 55.9894



56.8842, 81.6445, 47.4914



18.3594, 18.1271, 20.5097



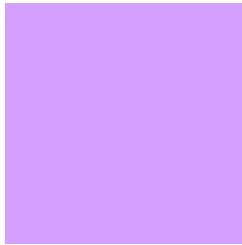
23.3343, 11.8230, 10.4106



2.3265, 1.1730, 1.3006

Previews

White Background



This preview shows how the XYZ color 57.4848, 46.2105, 100.4975 looks on a white background.

Color Contrast Check

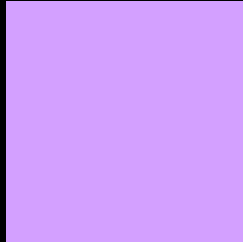
Large Text (above 18pt) WCAG AA × Fail

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 57.4848, 46.2105, 100.4975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

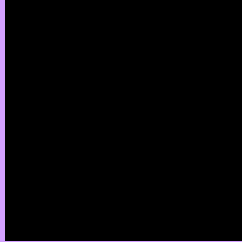
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4848, 46.2105, 100.4975

Background



This preview shows how black text looks on a background with the XYZ color 57.4848, 46.2105, 100.4975.



This preview shows how white text looks on a background with the XYZ color 57.4848, 46.2105,

100.4975.

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

57.4848, 46.2105, 100.4975

Protanopia

48.0747, 46.6283, 101.0741

Deuteranopia

47.6332, 46.4743, 97.7267



Tritanopia

48.0326, 46.1823, 53.9594

Trichromacy



Original Color

57.4848, 46.2105, 100.4975



Protanomaly

50.9340, 46.0722, 100.8160



Deuteranomaly

50.4547, 45.8804, 98.2920

Tritanomaly

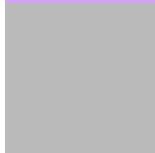
50.9735, 45.9668, 68.4732

Monochromacy



Original Color

57.4848, 46.2105, 100.4975



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 57.4848, 46.2105, 100.4975 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, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 160, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.4848, 46.2105, 100.4975 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, 160, 255) }
```


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

```
.border{ border-color:rgb(211, 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(211, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 160,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4848, 46.2105, 100.4975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 160, 255) }
```

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

```
.background{ background-color: rgb(211,  
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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