

Converting Colors

XYZ(57.0607, 46.8216,
100.6378)

Have a look what the booklet for
XYZ(57.0607, 46.8216, 100.6378)
contains.

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Color

**XYZ(57.1596, 46.8243,
100.6331)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A3FF
RGB	208, 163, 255
RGB Percent	82%, 64%, 100%
CMY	0.1843, 0.3608, 0.0000
CMYK	0.18, 0.36, 0.00, 0.00
HSL	269°, 100%, 82%
HSV	269°, 36%, 100%
XYZ	57.1596, 46.8243, 100.6331
YIQ	186.9430, -2.7120, 38.1520

Conversions

Conversions Part 2

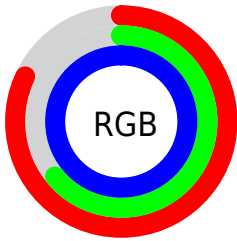
Format	Color
RYB	208, 163, 255
Decimal	13673471
CIELab	74.08, 33.78, -39.51
CIElCh	74, 51.979, 310.526
Yxy	46.8243, 0.2793, 0.2288
Android (android.graphics.Color)	4291863551 (0xFFD0A3FF)
YUV	186.9430, 33.5521, 18.4670
Hunter-Lab	68.4283, 29.3553, -39.2942

Details

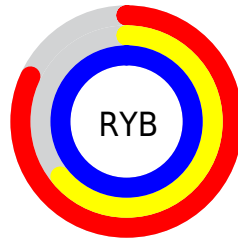
The XYZ color **57.1596, 46.8243, 100.6331** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **68.9501, 87.8664, 47.9782**, and the grayscale version is **47.0213, 49.4701, 53.8729**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **28.8264, 22.1215, 56.1766** is the 20% darker color. If you saturate the color by 10%, you get **49.5668, 36.8538, 99.1088**, and if you desaturate by 10%, it is **65.9689, 58.7791, 102.4763**.

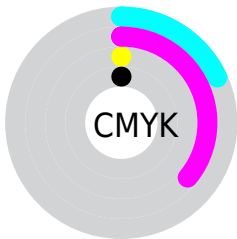
Distribution



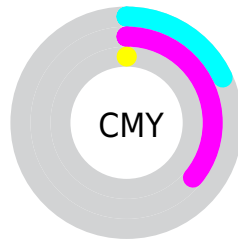
- Red (82%)
- Green (64%)
- Blue (100%)



- Red (82%)
- Yellow (64%)
- Blue (100%)



- Cyan (18%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1596, 46.8243, 100.6331 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 57.1596, 46.8243, 100.6331 by changing the saturation by 10% instead.

57.1596, 46.8243,
100.6331

57.1596, 46.8243,
100.6331

404.0516,
374.1128, 583.4846

41.3740, 32.8968,
76.2095

99.8280, 85.4513,
164.0864

28.8004, 22.0474,
56.0967

127.4416,
110.9196, 203.9532

19.0734, 13.8917,
39.8759

159.7286,
141.0035, 249.8049

11.8277, 8.0454,
27.1288

197.0543,
176.0876, 302.0599

6.6978, 4.1240,
17.4367

239.7841,
216.5562, 361.1368

3.3185, 1.7432,
10.3811

288.2833,

1.3243, 0.4514,

262.7936, 427.4542

5.5434

342.9174,
315.1844, 501.4306

■ 0.2013, 0.0000,
2.5053

■ 0.0000, 0.0000,
0.8429

■ 57.1596, 46.8243,
100.6331

■ 57.1596, 46.8243,
100.6331

■ 49.5668, 36.8538,
99.1088

■ 65.9689, 58.7791,
102.4763

■ 43.1238, 28.7481,
97.8838

■ 76.0479, 72.8173,
104.6547

■ 37.7635, 22.3827,
96.9377

■ 87.4516, 89.0381,
107.1846

■ 33.4088, 17.6153,
96.2470

95.0500, 100.0000,
108.9000

■ 29.9707, 14.2797,
95.7844

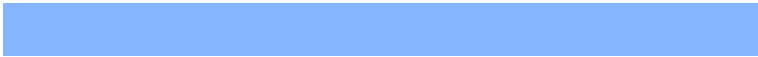
■ 27.3400, 12.1704,
95.5159

■ 26.4680, 11.5596,
95.4440

Harmonies

Analogous

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



47.8510, 46.8243, 119.6916



57.1596, 46.8243, 100.6331



63.5736, 46.8243, 70.0246

Triad

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



57.1596, 46.8243, 100.6331



50.7339, 46.8243, 16.3481



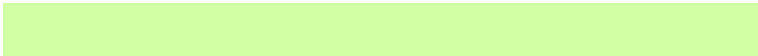
29.1430, 46.8243, 60.9191

Complementary

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



57.1596, 46.8243, 100.6331



68.9501, 87.8664, 47.9782

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.



29.6906, 46.8243, 35.7511



57.1596, 46.8243, 100.6331



41.3189, 46.8243, 15.3988

Square

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



57.1596, 46.8243, 100.6331



59.5212, 46.8243, 24.4296



33.8714, 46.8243, 21.1323



32.2542, 46.8243, 92.0064

Rectangle

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



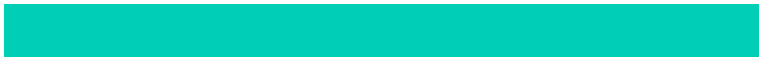
57.1596, 46.8243, 100.6331



64.8784, 46.8243, 50.5150



33.8714, 46.8243, 21.1323



28.9173, 46.8243, 51.4553

Sweetspot

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



57.1611, 46.8261, 100.6334



81.6686, 80.7736, 105.8942



56.3341, 61.3650, 103.4832



17.1519, 16.8221, 22.5929



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.



57.1611, 46.8261, 100.6334



51.7778, 39.7178, 99.5451



71.8261, 54.3862, 101.3197



17.8490, 17.8139, 22.7476



14.0013, 6.1284, 49.8795



1.4889, 0.6615, 4.8625

Inverse Universe

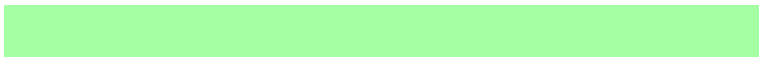
The Inverse Universe completely reimagines the original color for something new.



65.9710, 52.1091, 67.5549



62.0048, 45.8522, 61.0670



57.7923, 82.1143, 47.4560



18.3967, 18.1420, 20.7062



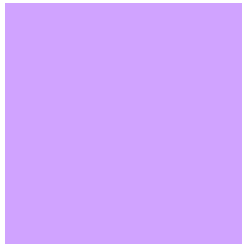
23.7394, 11.9851, 12.5440



2.3666, 1.1890, 1.5121

Previews

White Background



This preview shows how the XYZ color 57.1596, 46.8243, 100.6331 looks on a white background.

Color Contrast Check

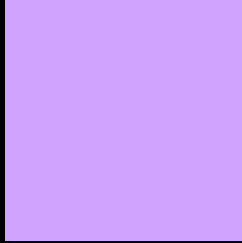
Large Text (above 18pt) WCAG AA × Fail

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 57.1596, 46.8243, 100.6331 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 57.1596, 46.8243, 100.6331

Background



This preview shows how black text looks on a background with the XYZ color 57.1596, 46.8243, 100.6331.



This preview shows how white text looks on a background with the XYZ color 57.1596, 46.8243,

100.6331.

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

57.1596, 46.8243, 100.6331

Protanopia

48.6693, 47.2334, 101.1596

Deuteranopia

48.3892, 47.1444, 98.6449



Tritanopia

47.8456, 46.6387, 55.1956

Trichromacy



Original Color

57.1596, 46.8243, 100.6331



Protanomaly

51.3175, 46.8392, 100.9439



Deuteranomaly

50.9971, 46.7111, 99.2568

Tritanomaly

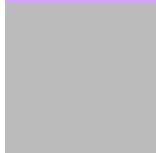
50.7879, 46.3984, 69.8973

Monochromacy



Original Color

57.1596, 46.8243, 100.6331



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.3097, 48.1964, 68.9386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1596, 46.8243, 100.6331 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(208, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 163, 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(208, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 163, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.1596, 46.8243, 100.6331 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(208, 163, 255) }
```


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

```
.border{ border-color:rgb(208, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 163,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1596, 46.8243, 100.6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 163, 255) }
```

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

```
.background{ background-color: rgb(208,  
163, 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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