

Converting Colors

XYZ(58.7080, 47.6753,
100.7157)

Have a look what the booklet for
XYZ(58.7080, 47.6753, 100.7157)
contains.

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Color

**XYZ(58.5878, 47.5605,
100.6999)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D5A3FF |
| RGB | 213, 163, 255 |
| RGB Percent | 84%, 64%, 100% |
| CMY | 0.1647, 0.3608, 0.0000 |
| CMYK | 0.16, 0.36, 0.00, 0.00 |
| HSL | 273°, 100%, 82% |
| HSV | 273°, 36%, 100% |
| XYZ | 58.5878, 47.5605, 100.6999 |
| YIQ | 188.4380, 0.2680, 39.2120 |

Conversions

Conversions Part 2

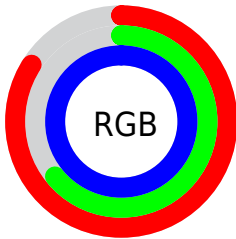
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 213, 163, 255 |
| Decimal | 14001151 |
| CIELab | 74.55, 35.24, -38.74 |
| CIElCh | 75, 52.371, 312.287 |
| Yxy | 47.5605, 0.2832, 0.2299 |
| Android (android.graphics.Color) | 4292191231 (0xFFD5A3FF) |
| YUV | 188.4380, 32.8151, 21.5409 |
| Hunter-Lab | 68.9641, 30.9557, -38.2991 |

Details

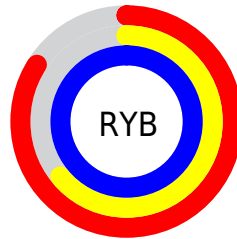
The XYZ color **58.5878, 47.5605, 100.6999** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.5485, 87.1438, 47.9125**, and the grayscale version is **47.8694, 50.3623, 54.8446**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **29.6736, 22.3972, 56.1852** is the 20% darker color. If you saturate the color by 10%, you get **51.2522, 37.7227, 99.1877**, and if you desaturate by 10%, it is **67.0815, 59.3526, 102.5284**.

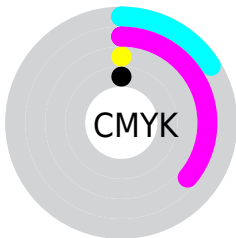
Distribution



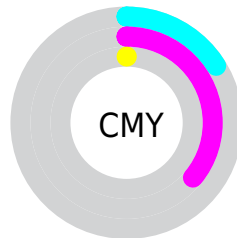
- Red (84%)
- Green (64%)
- Blue (100%)



- Red (84%)
- Yellow (64%)
- Blue (100%)



- Cyan (16%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5878, 47.5605, 100.6999 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 58.5878, 47.5605, 100.6999 by changing the saturation by 10% instead.

 58.5878, 47.5605,
100.6999

 58.5878, 47.5605,
100.6999


409.2913,
377.0474, 583.7001

 42.5265, 33.4790,
76.2650

 101.8964, 86.5497,
164.1789

 29.7067, 22.4936,
56.1419

 129.8744,
112.2261, 204.0602

 19.7630, 14.2201,
39.9120

162.5553,
142.5363, 249.9273

 12.3302, 8.2739,
27.1566

200.3045,
177.8646, 302.1989

 7.0427, 4.2707,
17.4574

243.4873,
218.5955, 361.2934

 3.5354, 1.8261,
10.3958

292.4692,

 1.4428, 0.5034,

265.1133, 427.6294

5.5531

347.6154,
317.8025, 501.6255

■ 0.2864, 0.0000,
2.5110

■ 0.0000, 0.0000,
0.8460

■ 58.5878, 47.5605,
100.6999

■ 58.5878, 47.5605,
100.6999

■ 51.2522, 37.7227,
99.1877

■ 67.0815, 59.3526,
102.5284

■ 45.0101, 29.7205,
97.9721

■ 76.7844, 73.1969,
104.6892

■ 39.7965, 23.4308,
97.0328

■ 87.7495, 89.1915,
107.1985

■ 35.5369, 18.7124,
96.3466

95.0500, 100.0000,
108.9000

■ 32.1447, 15.4005,
95.8861

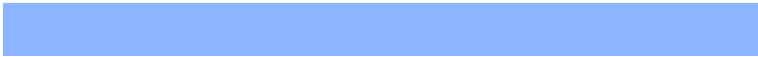
■ 29.5134, 13.2908,
95.6176

■ 28.6290, 12.6737,
95.5451

Harmonies

Analogous

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



49.1891, 47.5605, 121.2233



58.5878, 47.5605, 100.6999



64.8500, 47.5605, 69.3150

Triad

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



58.5878, 47.5605, 100.6999



50.9705, 47.5605, 16.3144



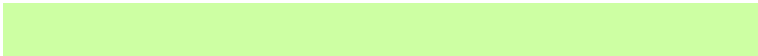
29.6535, 47.5605, 63.6870

Complementary

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



58.5878, 47.5605, 100.6999



67.5485, 87.1438, 47.9125

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.



29.9913, 47.5605, 37.4923



58.5878, 47.5605, 100.6999



41.4417, 47.5605, 15.7303

Square

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



58.5878, 47.5605, 100.6999



60.0477, 47.5605, 24.0384



34.0328, 47.5605, 22.0071



33.0347, 47.5605, 95.3624

Rectangle

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



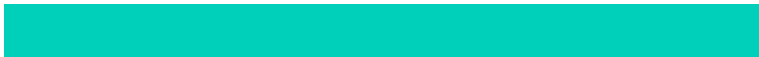
58.5878, 47.5605, 100.6999



65.9349, 47.5605, 49.7331



34.0328, 47.5605, 22.0071



29.3507, 47.5605, 53.8932

Sweetspot

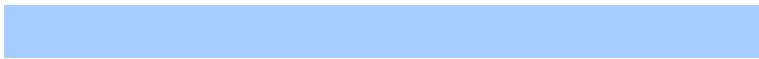
The Sweet Spot groups the original color and five complimentary colors.



58.5893, 47.5624, 100.7002



82.1903, 81.0426, 105.9186



55.2109, 59.1185, 103.1088



17.2762, 16.8862, 22.5988



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.



58.5893, 47.5624, 100.7002



53.3902, 40.5490, 99.6205



71.8981, 54.4799, 98.7664



17.9464, 17.8641, 22.7522



15.1337, 6.7122, 49.9325



1.5995, 0.7185, 4.8677

Inverse Universe

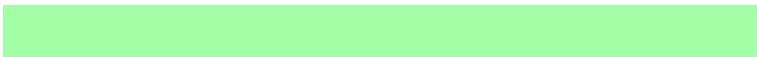
The Inverse Universe completely reimagines the original color for something new.



65.3575, 51.8637, 64.3245



61.3153, 45.5765, 57.4366



57.7545, 82.0627, 48.9061



18.3542, 18.1250, 20.4825



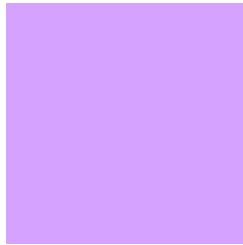
23.2817, 11.8020, 10.1339



2.3212, 1.1708, 1.2727

Previews

White Background



This preview shows how the XYZ color 58.5878, 47.5605, 100.6999 looks on a white background.

Color Contrast Check

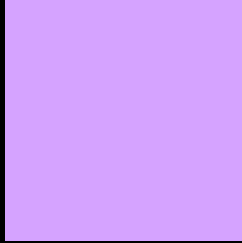
Large Text (above 18pt) WCAG AA × Fail

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 58.5878, 47.5605, 100.6999 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 58.5878, 47.5605, 100.6999

Background



This preview shows how black text looks on a background with the XYZ color 58.5878, 47.5605, 100.6999.



This preview shows how white text looks on a background with the XYZ color 58.5878, 47.5605,

100.6999.

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

58.5878, 47.5605, 100.6999

Protanopia

49.2718, 47.8448, 101.2458

Deuteranopia

49.0407, 47.7993, 97.9083



Tritanopia

49.1767, 47.3249, 55.2579

Trichromacy



Original Color

58.5878, 47.5605, 100.6999



Protanomaly

52.0084, 47.1954, 100.9762



Deuteranomaly

51.7628, 47.1241, 98.4631

Tritanomaly

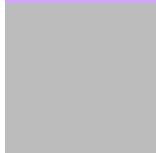
52.1541, 47.1027, 69.9612

Monochromacy



Original Color

58.5878, 47.5605, 100.6999



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.0297, 48.8640, 69.0295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5878, 47.5605, 100.6999 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, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 163, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.5878, 47.5605, 100.6999 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, 163, 255) }
```


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

```
.border{ border-color:rgb(213, 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(213, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 163,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5878, 47.5605, 100.6999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 163, 255) }
```

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

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