

Converting Colors

XYZ(60.6901, 45.8499,
119.7350)

Have a look what the booklet for
XYZ(60.6901, 45.8499, 119.7350)
contains.

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Color

**XYZ(57.0462, 44.4773,
100.1861)**

Conversions

Conversions Part 1

Format	Color
Hex	D59AFF
RGB	213, 154, 255
RGB Percent	84%, 60%, 100%
CMY	0.1647, 0.3961, 0.0000
CMYK	0.16, 0.40, 0.00, 0.00
HSL	275°, 100%, 80%
HSV	275°, 40%, 100%
XYZ	57.0462, 44.4773, 100.1861
YIQ	183.1550, 2.7430, 43.9190

Conversions

Conversions Part 2

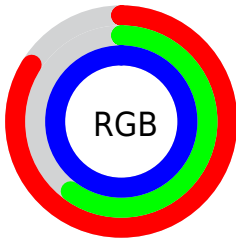
Format	Color
R _Y B	213, 154, 255
Decimal	13998847
CIE Lab	72.55, 40.10, -41.86
CIE LCh	73, 57.965, 313.766
Yxy	44.4773, 0.2828, 0.2205
Android (android.graphics.Color)	4292188927 (0xFFD59AFF)
YUV	183.1550, 35.4196, 26.1741
Hunter-Lab	66.6913, 35.9750, -42.3837

Details

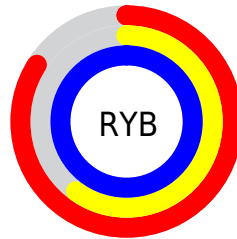
The XYZ color **57.0462, 44.4773, 100.1861** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.3584, 85.5892, 43.7019**, and the grayscale version is **44.9068, 47.2455, 51.4503**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **28.8490, 20.7481, 55.9103** is the 20% darker color. If you saturate the color by 10%, you get **50.3003, 35.4024, 98.7900**, and if you desaturate by 10%, it is **64.8899, 55.4471, 101.8900**.

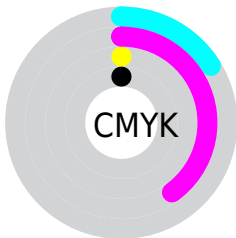
Distribution



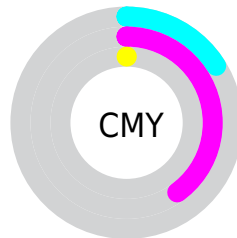
- Red (84%)
- Green (60%)
- Blue (100%)



- Red (84%)
- Yellow (60%)
- Blue (100%)



- Cyan (16%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0462, 44.4773, 100.1861 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 57.0462, 44.4773, 100.1861 by changing the saturation by 10% instead.


 57.0462, 44.4773,
100.1861


 57.0462, 44.4773,
100.1861


403.6338,
364.6525, 582.0409

 41.2826, 31.0459,
75.8382

 99.6636, 81.9355,
163.4670

 28.7286, 20.6338,
55.7940


 127.2481,
106.7311, 203.2371

 19.0189, 12.8566,
39.6349


159.5036,
136.0835, 248.9850

 11.7880, 7.3299,
26.9424

196.7955,
170.3772, 301.1293

 6.6707, 3.6692,
17.2979

239.4891,
209.9966, 360.0885

 3.3015, 1.4903,
10.2829

287.9497,

 1.3151, 0.2819,

255.3260, 426.2812

5.4789

342.5429,
306.7498, 500.1258

■ 0.1945, 0.0000,
2.4673

■ 0.0000, 0.0000,
0.8227

■ 57.0462, 44.4773,
100.1861

■ 57.0462, 44.4773,
100.1861

■ 50.3003, 35.4024,
98.7900

■ 64.8899, 55.4471,
101.8900

■ 44.5871, 28.1011,
97.6818

■ 73.8830, 68.4126,
103.9186

■ 39.8403, 22.4455,
96.8403

■ 84.0785, 83.4736,
106.2883

■ 35.9831, 18.2881,
96.2412

95.0500, 100.0000,
108.9000

■ 32.9247, 15.4533,
95.8552

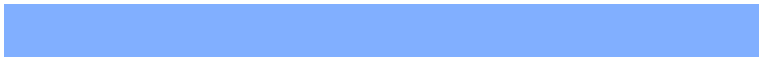
■ 30.5249, 13.6672,
95.6369

■ 30.4377, 13.6061,
95.6297

Harmonies

Analogous

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



47.0253, 44.4773, 124.1931



57.0462, 44.4773, 100.1861



63.5952, 44.4773, 65.5441

Triad

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



57.0462, 44.4773, 100.1861



47.8908, 44.4773, 12.4266



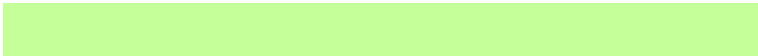
26.1905, 44.4773, 62.7763

Complementary

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



57.0462, 44.4773, 100.1861



64.3584, 85.5892, 43.7019

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.



26.3468, 44.4773, 34.5861



57.0462, 44.4773, 100.1861



37.8546, 44.4773, 12.1799

Square

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



57.0462, 44.4773, 100.1861



57.7655, 44.4773, 19.4155



30.3018, 44.4773, 18.5164



29.8344, 44.4773, 97.4834

Rectangle

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



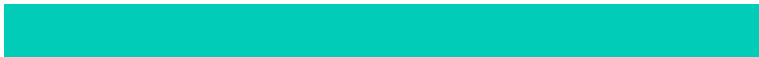
57.0462, 44.4773, 100.1861



64.5536, 44.4773, 44.8946



30.3018, 44.4773, 18.5164



25.8204, 44.4773, 52.1426

Sweetspot

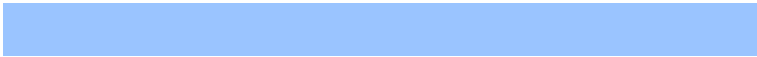
The Sweet Spot groups the original color and five complimentary colors.



57.0476, 44.4791, 100.1863



81.5259, 79.6726, 105.6892



51.1365, 53.6089, 102.2601



17.1582, 16.6205, 22.5537



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.



57.0476, 44.4791, 100.1863



51.3127, 36.7376, 98.9943



69.5206, 51.0623, 93.8511



18.0198, 17.9020, 22.7556



16.0783, 7.1992, 49.9767



1.6899, 0.7651, 4.8719

Inverse Universe

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



62.7602, 48.3581, 58.2516



58.1720, 41.3654, 49.9902



55.6462, 81.0140, 47.0831



18.3226, 18.1124, 20.3161



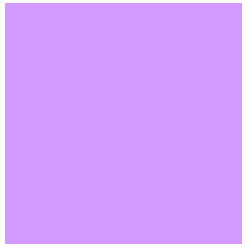
22.9794, 11.6810, 8.5418



2.2903, 1.1585, 1.1103

Previews

White Background



This preview shows how the XYZ color 57.0462, 44.4773, 100.1861 looks on a white background.

Color Contrast Check

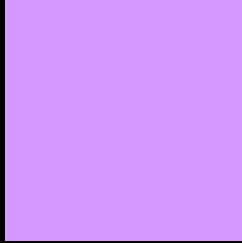
Large Text (above 18pt) WCAG AA × Fail

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 57.0462, 44.4773, 100.1861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

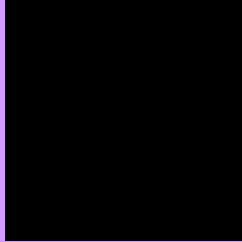
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0462, 44.4773, 100.1861

Background



This preview shows how black text looks on a background with the XYZ color 57.0462, 44.4773, 100.1861.



This preview shows how white text looks on a background with the XYZ color 57.0462, 44.4773,

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

57.0462, 44.4773, 100.1861

Protanopia

46.5242, 44.9461, 100.8311

Deuteranopia

46.0748, 44.7880, 97.4833



Tritanopia

46.8226, 44.2123, 50.8658

Trichromacy



Original Color

57.0462, 44.4773, 100.1861



Protanomaly

49.5082, 44.2239, 100.5345



Deuteranomaly

49.2525, 44.1475, 98.0209

Tritanomaly

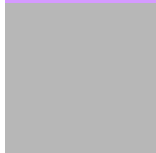
49.9609, 44.1335, 66.2070

Monochromacy



Original Color

57.0462, 44.4773, 100.1861



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

48.5093, 45.5778, 66.5623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0462, 44.4773, 100.1861 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, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 154, 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, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 154, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.0462, 44.4773, 100.1861 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, 154, 255) }
```


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

```
.border{ border-color:rgb(213, 154, 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, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 154,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0462, 44.4773, 100.1861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 154, 255) }
```

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

```
.background{ background-color: rgb(213,  
154, 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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