

Converting Colors

XYZ(59.9662, 42.5962,
114.9847)

Have a look what the booklet for
XYZ(59.9662, 42.5962, 114.9847)
contains.

XYZ(57.0901, 41.4854, 99.6062)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.0901, 41.4854,
99.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8DFF
RGB	220, 141, 255
RGB Percent	86%, 55%, 100%
CMY	0.1372, 0.4470, 0.0000
CMYK	0.14, 0.45, 0.00, 0.00
HSL	282°, 100%, 78%
HSV	282°, 45%, 100%
XYZ	57.0901, 41.4854, 99.6062
YIQ	177.6170, 10.4900, 52.2020

Conversions

Conversions Part 2

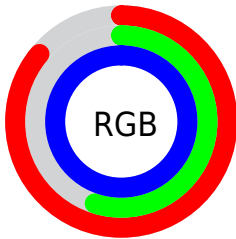
Format	Color
RYB	220, 141, 255
Decimal	14454271
CIELab	70.51, 48.96, -44.99
CIElCh	71, 66.491, 317.422
Yxy	41.4854, 0.2881, 0.2093
Android (android.graphics.Color)	4292644351 (0xFFDC8DFF)
YUV	177.6170, 38.1498, 37.1699
Hunter-Lab	64.4092, 45.5003, -46.6032

Details

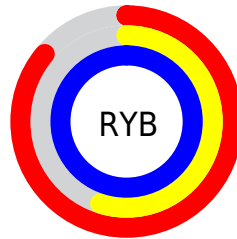
The XYZ color **57.0901, 41.4854, 99.6062** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **58.4730, 82.6735, 38.0768**, and the grayscale version is **41.9173, 44.1003, 48.0252**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **28.7870, 18.8432, 55.5459** is the 20% darker color. If you saturate the color by 10%, you get **51.4399, 33.6197, 98.3858**, and if you desaturate by 10%, it is **63.7195, 51.1426, 101.1209**.

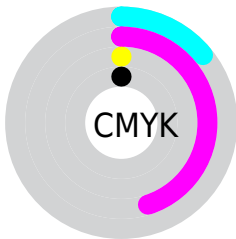
Distribution



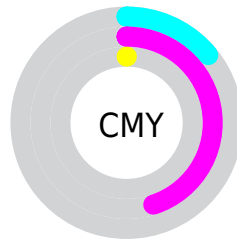
- Red (86%)
- Green (55%)
- Blue (100%)



- Red (86%)
- Yellow (55%)
- Blue (100%)



- Cyan (14%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0901, 41.4854, 99.6062 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 57.0901, 41.4854, 99.6062 by changing the saturation by 10% instead.


 57.0901, 41.4854,
99.6062


 57.0901, 41.4854,
99.6062


403.7956,
352.3453, 580.1653

 41.3180, 28.6986,
75.3566

 99.7272, 77.4202,
162.6631

 28.7564, 18.8529,
55.4016

 127.3230,
101.3370, 202.3075

 19.0400, 11.5640,
39.3226


159.5907,
129.7325, 247.9205

 11.8034, 6.4476,
26.7010

196.8957,
162.9911, 299.9209

 6.6812, 3.1191,
17.1184

239.6033,
201.4974, 358.7269

 3.3081, 1.1942,
10.1561

288.0789,

 1.3187, 0.0570,

245.6355, 424.7573

5.3956

342.6879,
295.7900, 498.4306

■ 0.1971, 0.0000,
2.4184

■ 0.0000, 0.0000,
0.7965

■ 57.0901, 41.4854,
99.6062

■ 57.0901, 41.4854,
99.6062

■ 51.4399, 33.6197,
98.3858

■ 63.7195, 51.1426,
101.1209

■ 46.7031, 27.4193,
97.4387

■ 71.3798, 62.6959,
102.9471

■ 42.8115, 22.7491,
96.7423

■ 80.1241, 76.2479,
105.1021

■ 39.6845, 19.4502,
96.2704

■ 90.0000, 91.8920,
107.6012

■ 37.2235, 17.3276,
95.9904

95.0500, 100.0000,
108.9000

■ 36.1162, 16.5334,
95.8955

Harmonies

Analogous

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



46.0887, 41.4854, 130.7927



57.0901, 41.4854, 99.6062



63.8065, 41.4854, 59.6434

Triad

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



57.0901, 41.4854, 99.6062



44.2045, 41.4854, 8.1444



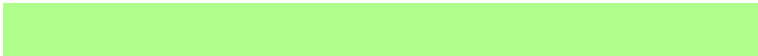
22.5358, 41.4854, 65.7773

Complementary

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



57.0901, 41.4854, 99.6062



58.4730, 82.6735, 38.0768

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.



22.2196, 41.4854, 33.2516



57.0901, 41.4854, 99.6062



33.4468, 41.4854, 8.5735

Square

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



57.0901, 41.4854, 99.6062



55.4921, 41.4854, 13.6932



25.8494, 41.4854, 15.3876



26.8123, 41.4854, 105.8477

Rectangle

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



57.0901, 41.4854, 99.6062



64.2617, 41.4854, 37.8084



25.8494, 41.4854, 15.3876



21.9955, 41.4854, 53.4312

Sweetspot

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



57.0915, 41.4871, 99.6065



81.7258, 78.7635, 105.5032



44.7777, 44.3681, 100.8116



17.0500, 16.1637, 22.4712



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.



57.0915, 41.4871, 99.6065



51.8072, 34.1177, 98.4626



65.6313, 46.2574, 83.3873



18.2181, 18.0042, 22.7649



19.0311, 8.7214, 50.1149



1.9647, 0.9068, 4.8847

Inverse Universe

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



58.6022, 43.4457, 46.3725



53.9443, 36.5758, 37.2797



53.2583, 79.7883, 46.7312



18.2390, 18.0789, 19.8755



22.3308, 11.4216, 5.1267



2.2206, 1.1306, 0.7432

Previews

White Background



This preview shows how the XYZ color 57.0901, 41.4854, 99.6062 looks on a white background.

Color Contrast Check

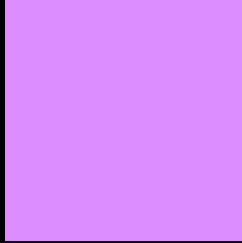
Large Text (above 18pt) WCAG AA × Fail

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 57.0901, 41.4854, 99.6062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

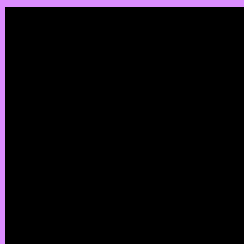
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0901, 41.4854, 99.6062

Background



This preview shows how black text looks on a background with the XYZ color 57.0901, 41.4854, 99.6062.



This preview shows how white text looks on a background with the XYZ color 57.0901, 41.4854,

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

57.0901, 41.4854, 99.6062

Protanopia

43.7524, 41.8091, 100.3717

Deuteranopia

42.8171, 41.7162, 95.4179



Tritanopia

45.7493, 41.3856, 44.6067

Trichromacy



Original Color

57.0901, 41.4854, 99.6062



Protanomaly

47.2427, 40.6742, 99.9687



Deuteranomaly

46.5610, 40.6527, 96.6595

Tritanomaly

49.2033, 41.0438, 61.2061

Monochromacy



Original Color

57.0901, 41.4854, 99.6062



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.5880, 42.7040, 64.1798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0901, 41.4854, 99.6062 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(220, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 141, 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(220, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 141, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.0901, 41.4854, 99.6062 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(220, 141, 255) }
```


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

```
.border{ border-color:rgb(220, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 141,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0901, 41.4854, 99.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 141, 255) }
```

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

```
.background{ background-color: rgb(220,  
141, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor