

Converting Colors

XYZ(75.4850, 49.2662,
212.8274)

Have a look what the booklet for
XYZ(75.4850, 49.2662, 212.8274)
contains.

XYZ(54.1878, 40.8807, 99.6425)	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(54.1878, 40.8807,
99.6425)**

Conversions

Conversions Part 1

Format	Color
Hex	D091FF
RGB	208, 145, 255
RGB Percent	82%, 57%, 100%
CMY	0.1843, 0.4314, 0.0000
CMYK	0.18, 0.43, 0.00, 0.00
HSL	274°, 100%, 78%
HSV	274°, 43%, 100%
XYZ	54.1878, 40.8807, 99.6425
YIQ	176.3770, 2.2380, 47.5660

Conversions

Conversions Part 2

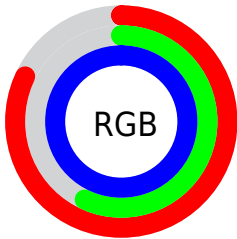
Format	Color
R _Y B	208, 145, 255
Decimal	13668863
CIE Lab	70.09, 43.51, -45.74
CIE LCh	70, 63.127, 313.568
Yxy	40.8807, 0.2783, 0.2100
Android (android.graphics.Color)	4291858943 (0xFFD091FF)
YUV	176.3770, 38.7611, 27.7334
Hunter-Lab	63.9380, 39.3881, -47.6423

Details

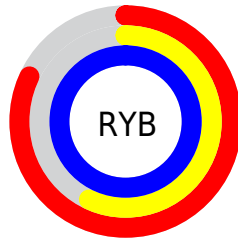
The XYZ color **54.1878, 40.8807, 99.6425** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **62.6098, 84.7711, 39.8523**, and the grayscale version is **41.2680, 43.4171, 47.2812**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **27.0563, 18.5813, 55.5866** is the 20% darker color. If you saturate the color by 10%, you get **47.7610, 32.4188, 98.3479**, and if you desaturate by 10%, it is **61.7021, 51.2030, 101.2389**.

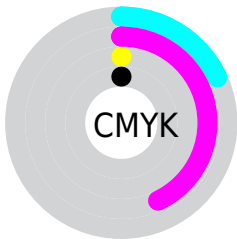
Distribution



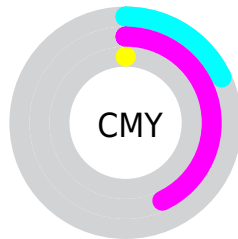
- Red (82%)
- Green (57%)
- Blue (100%)



- Red (82%)
- Yellow (57%)
- Blue (100%)



- Cyan (18%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1878, 40.8807, 99.6425 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 54.1878, 40.8807, 99.6425 by changing the saturation by 10% instead.


 54.1878, 40.8807,
99.6425

 54.1878, 40.8807,
99.6425


393.0124,
349.8218, 580.2828

 38.9831, 28.2259,
75.3868


 95.5052, 76.5028,
162.7134

 26.9272, 18.4960,
55.4262


 122.3486,
100.2388, 202.3657

 17.6549, 11.3067,
39.3421


153.8023,
128.4373, 247.9872

 10.8007, 6.2735,
26.7161

190.2316,
161.4828, 299.9965

 5.9993, 3.0121,
17.1296

232.0020,
199.7596, 358.8122

 2.8853, 1.1380,
10.1640

279.4786,

 1.0934, 0.0102,

243.6521, 424.8528

5.4008

333.0270,
293.5447, 498.5368

■ 0.0196, 0.0000,
2.4215

■ 0.0000, 0.0000,
0.7981

■ 54.1878, 40.8807,
99.6425

■ 54.1878, 40.8807,
99.6425

■ 47.7610, 32.4188,
98.3479

■ 61.7021, 51.2030,
101.2389

■ 42.3543, 25.6918,
97.3344

■ 70.3576, 63.4905,
103.1544

■ 37.8981, 20.5661,
96.5800

■ 80.2091, 77.8455,
105.4059

■ 34.3110, 16.8855,
96.0586

■ 91.3063, 94.3618,
108.0090

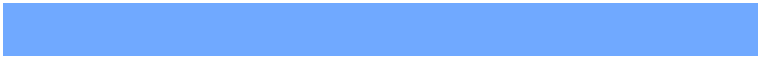
■ 31.4948, 14.4603, 95.0500, 100.0000,
95.7389 108.9000

■ 29.9125, 13.3353,
95.6052

Harmonies

Analogous

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



43.6960, 40.8807, 125.6864



54.1878, 40.8807, 99.6425



61.1479, 40.8807, 62.5873

Triad

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



54.1878, 40.8807, 99.6425



44.7396, 40.8807, 9.2392



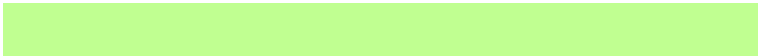
22.5915, 40.8807, 59.2085

Complementary

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



54.1878, 40.8807, 99.6425



62.6098, 84.7711, 39.8523

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.



22.7707, 40.8807, 30.3023



54.1878, 40.8807, 99.6425



34.3871, 40.8807, 8.9840

Square

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



54.1878, 40.8807, 99.6425



55.0674, 40.8807, 15.7228



26.7287, 40.8807, 14.7410



26.1862, 40.8807, 96.2468

Rectangle

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



54.1878, 40.8807, 99.6425



62.1976, 40.8807, 41.0707



26.7287, 40.8807, 14.7410



22.2346, 40.8807, 48.1406

Sweetspot

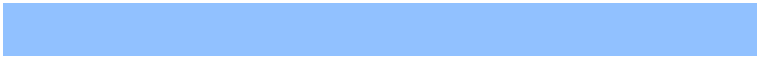
The Sweet Spot groups the original color and five complimentary colors.



54.1892, 40.8823, 99.6427



80.3512, 78.0549, 105.4389



48.7246, 51.2338, 101.9288



16.7097, 15.9883, 22.4553



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.



54.1892, 40.8823, 99.6427



48.4384, 33.2901, 98.4804



68.2577, 48.2687, 94.2555



17.9992, 17.8913, 22.7547



15.8043, 7.0579, 49.9639



1.6639, 0.7517, 4.8707

Inverse Universe

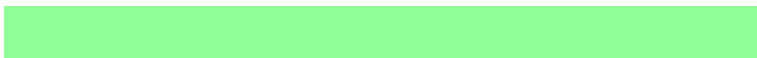
The Inverse Universe completely reimagines the original color for something new.



60.8806, 45.3179, 55.4086



56.3910, 38.5344, 47.1430



53.1329, 79.8182, 42.4568



18.3315, 18.1159, 20.3628



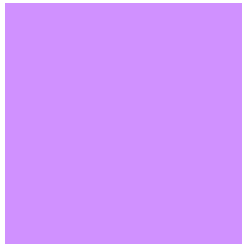
23.0609, 11.7137, 8.9713



2.2987, 1.1619, 1.1545

Previews

White Background



This preview shows how the XYZ color 54.1878, 40.8807, 99.6425 looks on a white background.

Color Contrast Check

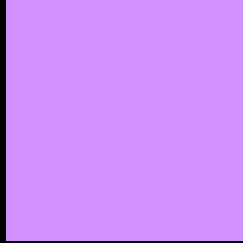
Large Text (above 18pt) WCAG AA × Fail

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 54.1878, 40.8807, 99.6425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

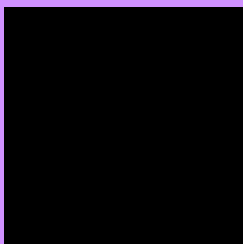
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1878, 40.8807, 99.6425

Background



This preview shows how black text looks on a background with the XYZ color 54.1878, 40.8807, 99.6425.



This preview shows how white text looks on a background with the XYZ color 54.1878, 40.8807,

99.6425.

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

54.1878, 40.8807, 99.6425

Protanopia

43.2225, 41.2587, 100.2934

Deuteranopia

42.2775, 41.1405, 96.1551



Tritanopia

43.3407, 40.8916, 46.1660

Trichromacy



Original Color

54.1878, 40.8807, 99.6425



Protanomaly

46.1379, 40.3609, 99.9665



Deuteranomaly

45.6254, 40.4105, 97.4908

Tritanomaly

46.6070, 40.4159, 62.4713

Monochromacy



Original Color

54.1878, 40.8807, 99.6425



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.2136, 42.0094, 63.4832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1878, 40.8807, 99.6425 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, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 145, 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, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 145, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1878, 40.8807, 99.6425 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, 145, 255) }
```


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

```
.border{ border-color:rgb(208, 145, 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, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 145,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1878, 40.8807, 99.6425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 145, 255) }
```

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

```
.background{ background-color: rgb(208,  
145, 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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