

Converting Colors

XYZ(54.0803, 42.4635, 99.9537)

Have a look what the booklet for
XYZ(54.0803, 42.4635, 99.9537)
contains.

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Color

**XYZ(54.1801, 42.5138,
99.9581)**

Conversions

Conversions Part 1

Format	Color
Hex	CC98FF
RGB	204, 152, 255
RGB Percent	80%, 60%, 100%
CMY	0.2000, 0.4039, 0.0000
CMYK	0.20, 0.40, 0.00, 0.00
HSL	270°, 100%, 80%
HSV	270°, 40%, 100%
XYZ	54.1801, 42.5138, 99.9581
YIQ	179.2900, -2.0710, 43.0570

Conversions

Conversions Part 2

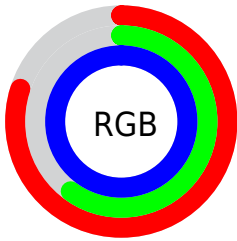
Format	Color
RYB	204, 152, 255
Decimal	13408511
CIELab	71.22, 38.61, -43.99
CIELCh	71, 58.534, 311.272
Yxy	42.5138, 0.2755, 0.2162
Android (android.graphics.Color)	4291598591 (0xFFCC98FF)
YUV	179.2900, 37.3250, 21.6707
Hunter-Lab	65.2026, 34.2200, -45.2520

Details

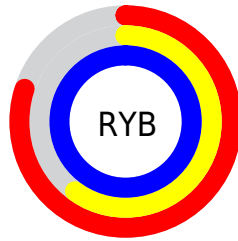
The XYZ color **54.1801, 42.5138, 99.9581** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.0566, 86.4837, 42.9188**, and the grayscale version is **42.8115, 45.0411, 49.0497**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **26.9630, 19.4875, 55.7664** is the 20% darker color. If you saturate the color by 10%, you get **47.1562, 33.3962, 98.5684**, and if you desaturate by 10%, it is **62.3769, 53.5585, 101.6580**.

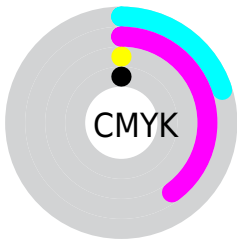
Distribution



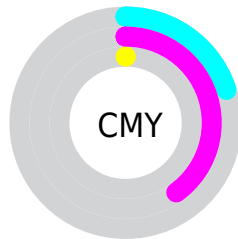
- Red (80%)
- Green (60%)
- Blue (100%)



- Red (80%)
- Yellow (60%)
- Blue (100%)



- Cyan (20%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1801, 42.5138, 99.9581 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 54.1801, 42.5138, 99.9581 by changing the saturation by 10% instead.


 54.1801, 42.5138,
99.9581


 54.1801, 42.5138,
99.9581


392.9836,
356.6084, 581.3039

 38.9769, 29.5038,
75.6489

 95.4940, 78.9766,
163.1510

 26.9224, 19.4623,
55.6397


 122.3354,
103.1983, 202.8717

 17.6512, 12.0048,
39.5121

153.7869,
131.9260, 248.5666

 10.7981, 6.7469,
26.8474

190.2139,
165.5441, 300.6544

 5.9975, 3.3043,
17.2272

231.9817,
204.4370, 359.5534

 2.8842, 1.2926,
10.2330

279.4556,

 1.0928, 0.1355,

248.9891, 425.6823

5.4461

333.0012,
299.5848, 499.4596

■ 0.0191, 0.0000,
2.4480

■ 0.0000, 0.0000,
0.8124

■ 54.1801, 42.5138,
99.9581

■ 54.1801, 42.5138,
99.9581

■ 47.1562, 33.3962,
98.5684

■ 62.3769, 53.5585,
101.6580

■ 41.2370, 26.0822,
97.4687

■ 71.8013, 66.6336,
103.6850

■ 36.3525, 20.4413,
96.6373

■ 82.5092, 81.8405,
106.0558

■ 32.4221, 16.3225,
96.0495

■ 94.5517, 99.2725,
108.7858

■ 29.3501, 13.5459,
95.6754

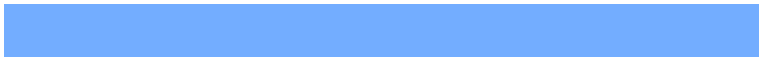
95.0500, 100.0000,
108.9000

■ 27.0639, 11.8668,
95.4718

Harmonies

Analogous

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



44.2107, 42.5138, 122.1091



54.1801, 42.5138, 99.9581



61.0474, 42.5138, 65.9040

Triad

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



54.1801, 42.5138, 99.9581



46.7758, 42.5138, 11.6510



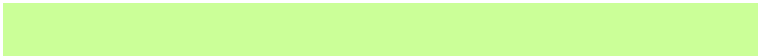
24.5810, 42.5138, 57.6802

Complementary

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



54.1801, 42.5138, 99.9581



66.0566, 86.4837, 42.9188

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.



25.0398, 42.5138, 31.0141



54.1801, 42.5138, 99.9581



36.8300, 42.5138, 10.9408

Square

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



54.1801, 42.5138, 99.9581



56.3177, 42.5138, 19.0063



29.1932, 42.5138, 16.3909



27.8182, 42.5138, 91.8830

Rectangle

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



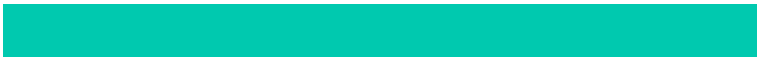
54.1801, 42.5138, 99.9581



62.3663, 42.5138, 45.1005



29.1932, 42.5138, 16.3909



24.3239, 42.5138, 47.5009

Sweetspot

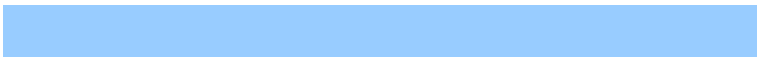
The Sweet Spot groups the original color and five complimentary colors.



54.1815, 42.5155, 99.9584



80.6972, 79.2454, 105.6504



52.4742, 56.8451, 102.8142



16.9631, 16.5199, 22.5446



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.



54.1815, 42.5155, 99.9584



48.7327, 35.4075, 98.8736



70.5188, 50.9377, 100.7229



17.8771, 17.8284, 22.7489



14.3140, 6.2896, 49.8942



1.5197, 0.6774, 4.8639

Inverse Universe

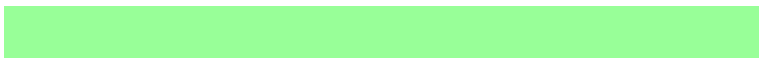
The Inverse Universe completely reimagines the original color for something new.



63.2484, 48.0295, 62.4374



59.2213, 41.7851, 55.5158



54.3774, 80.4629, 42.3723



18.3844, 18.1371, 20.6413



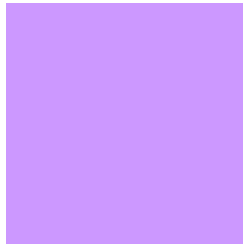
23.6005, 11.9295, 11.8125



2.3530, 1.1836, 1.4401

Previews

White Background



This preview shows how the XYZ color 54.1801, 42.5138, 99.9581 looks on a white background.

Color Contrast Check

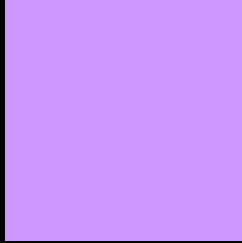
Large Text (above 18pt) WCAG AA × Fail

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 54.1801, 42.5138, 99.9581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

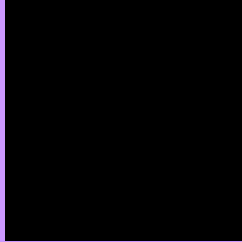
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1801, 42.5138, 99.9581

Background



This preview shows how black text looks on a background with the XYZ color 54.1801, 42.5138, 99.9581.



This preview shows how white text looks on a background with the XYZ color 54.1801, 42.5138,

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

54.1801, 42.5138, 99.9581

Protanopia

44.6566, 42.8360, 100.5223

Deuteranopia

44.0332, 42.8719, 97.2211



Tritanopia

44.0813, 42.5479, 49.6053

Trichromacy



Original Color

54.1801, 42.5138, 99.9581



Protanomaly

47.4415, 42.3458, 100.2809



Deuteranomaly

46.7517, 42.0455, 97.7470

Tritanomaly

47.0704, 42.1305, 65.3256

Monochromacy



Original Color

54.1801, 42.5138, 99.9581



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.1895, 43.5723, 65.0073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1801, 42.5138, 99.9581 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(204, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 152, 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(204, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 152, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1801, 42.5138, 99.9581 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(204, 152, 255) }
```


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

```
.border{ border-color:rgb(204, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 152,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1801, 42.5138, 99.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 152, 255) }
```

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

```
.background{ background-color: rgb(204,  
152, 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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