

Converting Colors

XYZ(51.9058, 41.8720, 99.9541)

Have a look what the booklet for
XYZ(51.9058, 41.8720, 99.9541)
contains.

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Color

**XYZ(51.8537, 41.8005,
99.9431)**

Conversions

Conversions Part 1

Format	Color
Hex	C29AFF
RGB	194, 154, 255
RGB Percent	76%, 60%, 100%
CMY	0.2392, 0.3961, 0.0000
CMYK	0.24, 0.40, 0.00, 0.00
HSL	264°, 100%, 80%
HSV	264°, 40%, 100%
XYZ	51.8537, 41.8005, 99.9431
YIQ	177.4740, -8.5810, 39.8910

Conversions

Conversions Part 2

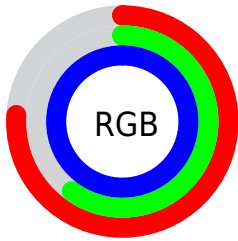
Format	Color
RYB	194, 154, 255
Decimal	12753663
CIELab	70.73, 34.71, -44.83
CIELCh	71, 56.693, 307.746
Yxy	41.8005, 0.2678, 0.2159
Android (android.graphics.Color)	4290943743 (0xFFC29AFF)
YUV	177.4740, 38.2203, 14.4933
Hunter-Lab	64.6533, 30.0185, -46.3950

Details

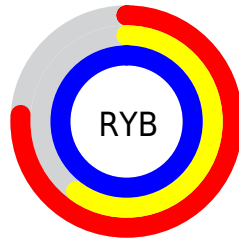
The XYZ color **51.8537, 41.8005, 99.9431** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.6176, 88.3004, 43.9479**, and the grayscale version is **41.8488, 44.0281, 47.9466**.

A 20% lighter version of the original color is **80.9953, 73.5164, 104.5289**, and **25.4256, 18.9832, 55.7501** is the 20% darker color. If you saturate the color by 10%, you get **44.3336, 32.3264, 98.5107**, and if you desaturate by 10%, it is **60.6801, 53.2767, 101.6930**.

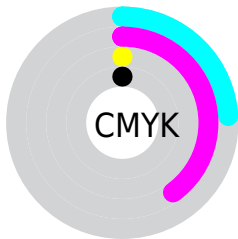
Distribution



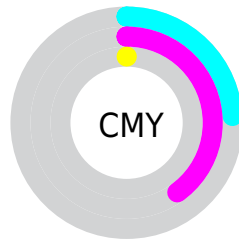
- Red (76%)
- Green (60%)
- Blue (100%)



- Red (76%)
- Yellow (60%)
- Blue (100%)



- Cyan (24%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8537, 41.8005, 99.9431 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 51.8537, 41.8005, 99.9431 by changing the saturation by 10% instead.


 51.8537, 41.8005,
99.9431


 51.8537, 41.8005,
99.9431

384.2048,
353.6553, 581.2554

 37.1123, 28.9451,
75.6364


 92.0909, 77.8976,
163.1302

 25.4685, 19.0393,
55.6295

 118.3175,
101.9081, 202.8476

 16.5570, 11.6987,
39.5040


149.1031,
130.4058, 248.5391

 10.0125, 6.5388,
26.8412

184.8131,
163.7750, 300.6231

 5.4696, 3.1754,
17.2226

225.8130,
202.4001, 359.5182

 2.5629, 1.2240,
10.2297

272.4680,

 0.9271, 0.0812,

246.6656, 425.6429

5.4439

325.1434,
296.9559, 499.4158

■ 0.0000, 0.0000,
2.4468

■ 0.0000, 0.0000,
0.8117

■ 51.8537, 41.8005,
99.9431

■ 51.8537, 41.8005,
99.9431

■ 44.3336, 32.3264,
98.5107

■ 60.6801, 53.2767,
101.6930

■ 38.0461, 24.7290,
97.3757

■ 70.8726, 66.8605,
103.7777

■ 32.9159, 18.8758,
96.5163

■ 82.4921, 82.6555,
106.2141

■ 28.8565, 14.6141,
95.9076

95.0500, 100.0000,
108.9000

■ 25.7666, 11.7631,
95.5202

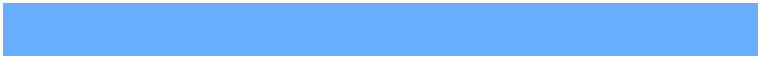
■ 23.4949, 10.0431,
95.3079

■ 23.4159, 9.9862,
95.3011

Harmonies

Analogous

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



42.2163, 41.8005, 118.4877



51.8537, 41.8005, 99.9431



58.9163, 41.8005, 68.0675

Triad

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



51.8537, 41.8005, 99.9431



46.9761, 41.8005, 12.4486



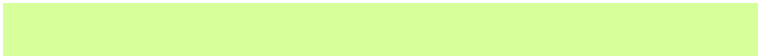
24.3766, 41.8005, 52.8528

Complementary

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



51.8537, 41.8005, 99.9431



69.6176, 88.3004, 43.9479

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.



25.2397, 41.8005, 28.5893



51.8537, 41.8005, 99.9431



37.3435, 41.8005, 11.0767

Square

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



51.8537, 41.8005, 99.9431



55.8049, 41.8005, 20.6106



29.6608, 41.8005, 15.6258



27.0830, 41.8005, 85.1251

Rectangle

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



51.8537, 41.8005, 99.9431



60.6660, 41.8005, 47.5804



29.6608, 41.8005, 15.6258



24.2678, 41.8005, 43.5076

Sweetspot

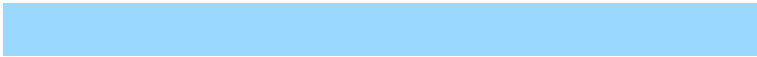
The Sweet Spot groups the original color and five complimentary colors.



51.8551, 41.8021, 99.9433



79.5780, 78.6684, 105.5981



56.0060, 63.3481, 103.8833



16.7002, 16.3844, 22.5323



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.



51.8551, 41.8021, 99.9433



45.4568, 33.7187, 98.7203



66.6433, 49.4257, 100.6354



17.6837, 17.7287, 22.7399



12.3917, 5.2986, 49.8042



1.3254, 0.5772, 4.8548

Inverse Universe

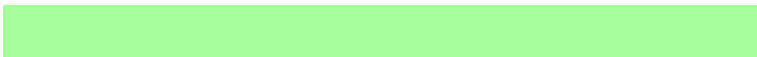
The Inverse Universe completely reimagines the original color for something new.



65.0620, 49.2787, 70.3730



60.7772, 42.4075, 63.7089



57.2742, 81.9371, 43.3702



18.4702, 18.1714, 21.0930



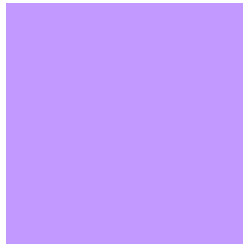
24.6725, 12.3583, 17.4578



2.4561, 1.2248, 1.9834

Previews

White Background



This preview shows how the XYZ color 51.8537, 41.8005, 99.9431 looks on a white background.

Color Contrast Check

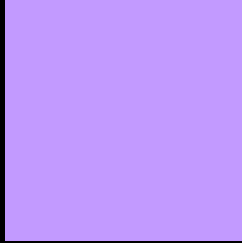
Large Text (above 18pt) WCAG AA × Fail

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 51.8537, 41.8005, 99.9431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

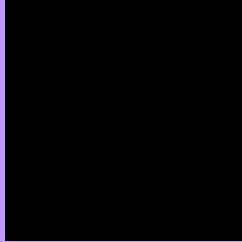
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8537, 41.8005, 99.9431

Background



This preview shows how black text looks on a background with the XYZ color 51.8537, 41.8005, 99.9431.



This preview shows how white text looks on a background with the XYZ color 51.8537, 41.8005,

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

51.8537, 41.8005, 99.9431

Protanopia

43.9263, 41.8987, 100.3798

Deuteranopia

43.1496, 42.1328, 97.1250



Tritanopia

41.7913, 41.6186, 50.6303

Trichromacy



Original Color

51.8537, 41.8005, 99.9431



Protanomaly

46.2258, 41.4523, 100.1725



Deuteranomaly

45.5230, 41.4121, 97.6895

Tritanomaly

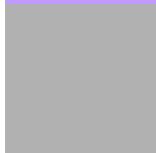
45.0338, 41.5935, 65.9764

Monochromacy



Original Color

51.8537, 41.8005, 99.9431



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

44.7359, 42.8510, 63.6708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8537, 41.8005, 99.9431 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(194, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 154, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.8537, 41.8005, 99.9431 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(194, 154, 255) }
```


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

```
.border{ border-color:rgb(194, 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(194, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 154,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8537, 41.8005, 99.9431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 154, 255) }
```

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

```
.background{ background-color: rgb(194,  
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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