

Converting Colors

XYZ(52.1166, 41.2114, 99.8155)

Have a look what the booklet for
XYZ(52.1166, 41.2114, 99.8155)
contains.

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Color

**XYZ(52.1426, 41.2235,
99.8165)**

Conversions

Conversions Part 1

Format	Color
Hex	C597FF
RGB	197, 151, 255
RGB Percent	77%, 59%, 100%
CMY	0.2274, 0.4078, 0.0000
CMYK	0.23, 0.41, 0.00, 0.00
HSL	267°, 100%, 80%
HSV	267°, 41%, 100%
XYZ	52.1426, 41.2235, 99.8165
YIQ	176.6100, -5.9680, 42.0960

Conversions

Conversions Part 2

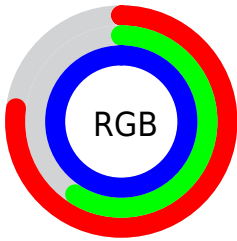
Format	Color
RYB	197, 151, 255
Decimal	12949503
CIELab	70.33, 37.19, -45.44
CIElCh	70, 58.718, 309.300
Yxy	41.2235, 0.2699, 0.2134
Android (android.graphics.Color)	4291139583 (0xFFC597FF)
YUV	176.6100, 38.6463, 17.8820
Hunter-Lab	64.2055, 32.6038, -47.2307

Details

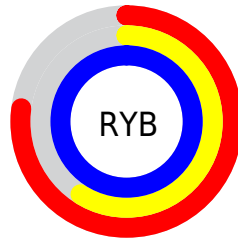
The XYZ color **52.1426, 41.2235, 99.8165** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.6408, 87.3098, 42.5671**, and the grayscale version is **41.3931, 43.5487, 47.4246**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **25.6394, 18.6636, 55.6772** is the 20% darker color. If you saturate the color by 10%, you get **44.9242, 32.0556, 98.4273**, and if you desaturate by 10%, it is **60.6024, 52.3505, 101.5183**.

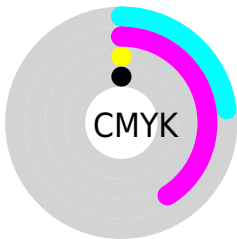
Distribution



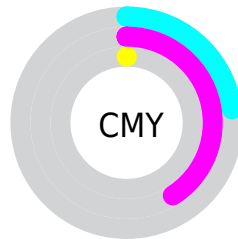
- Red (77%)
- Green (59%)
- Blue (100%)



- Red (77%)
- Yellow (59%)
- Blue (100%)



- Cyan (23%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1426, 41.2235, 99.8165 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 52.1426, 41.2235, 99.8165 by changing the saturation by 10% instead.


 52.1426, 41.2235,
99.8165


 52.1426, 41.2235,
99.8165


385.3018,
351.2539, 580.8458

 37.3435, 28.4938,
75.5313


 92.5145, 77.0231,
162.9547

 25.6484, 18.6982,
55.5439

 118.8180,
100.8617, 202.6447

 16.6921, 11.4524,
39.4358


149.6870,
129.1720, 248.3067

 10.1092, 6.3720,
26.7885

185.4868,
162.3385, 300.3593

 5.5342, 3.0726,
17.1834

226.5828,
200.7456, 359.2209

 2.6019, 1.1697,
10.2020

273.3405,

 0.9469, 0.0368,

244.7775, 425.3102

5.4257

326.1250,
294.8188, 499.0457

■ 0.0000, 0.0000,
2.4361

■ 0.0000, 0.0000,
0.8060

■ 52.1426, 41.2235,
99.8165

■ 52.1426, 41.2235,
99.8165

■ 44.9242, 32.0556,
98.4273

■ 60.6024, 52.3505,
101.5183

■ 38.8758, 24.7216,
97.3305

■ 70.3616, 65.5418,
103.5501

■ 33.9239, 19.0886,
96.5042

■ 81.4788, 80.9008,
105.9288

■ 29.9839, 15.0028,
95.9232

■ 94.0079, 98.5222,
108.6697

■ 26.9558, 12.2809,
95.5575

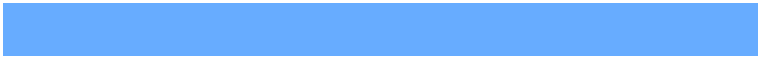
95.0500, 100.0000,
108.9000

■ 24.8332, 10.7169,
95.3675

Harmonies

Analogous

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



42.2561, 41.2235, 120.3620



52.1426, 41.2235, 99.8165



59.2190, 41.2235, 66.4019

Triad

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



52.1426, 41.2235, 99.8165



46.1104, 41.2235, 11.2762



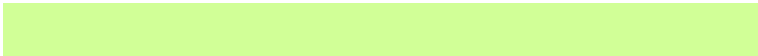
23.5801, 41.2235, 54.0282

Complementary

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



52.1426, 41.2235, 99.8165



67.6408, 87.3098, 42.5671

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.



24.2664, 41.2235, 28.6053



52.1426, 41.2235, 99.8165



36.2602, 41.2235, 10.2234

Square

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



52.1426, 41.2235, 99.8165



55.3587, 41.2235, 18.9470



28.5690, 41.2235, 15.0508



26.5099, 41.2235, 87.6363

Rectangle

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



52.1426, 41.2235, 99.8165



60.8082, 41.2235, 45.5377



28.5690, 41.2235, 15.0508



23.4077, 41.2235, 44.2393

Sweetspot

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



52.1440, 41.2251, 99.8167



80.0514, 78.9125, 105.6202



53.8437, 59.8607, 103.3241



16.8113, 16.4417, 22.5375



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.



52.1440, 41.2251, 99.8167



46.1236, 33.5524, 98.6530



67.8523, 49.3230, 100.5518



17.7656, 17.7709, 22.7437



13.1410, 5.6849, 49.8393



1.4026, 0.6170, 4.8584

Inverse Universe

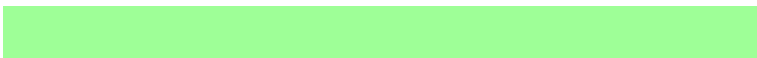
The Inverse Universe completely reimagines the original color for something new.



63.8158, 47.9978, 66.2229



59.6233, 41.3962, 59.3274



55.4343, 81.0172, 41.9958



18.4335, 18.1567, 20.9001



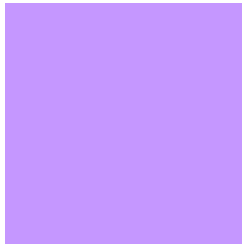
24.1846, 12.1631, 14.8884



2.4098, 1.2063, 1.7393

Previews

White Background



This preview shows how the XYZ color 52.1426, 41.2235, 99.8165 looks on a white background.

Color Contrast Check

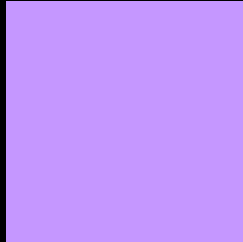
Large Text (above 18pt) WCAG AA × Fail

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 52.1426, 41.2235, 99.8165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

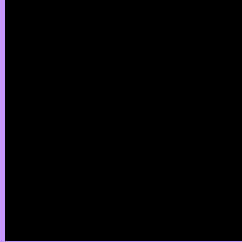
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1426, 41.2235, 99.8165

Background



This preview shows how black text looks on a background with the XYZ color 52.1426, 41.2235, 99.8165.



This preview shows how white text looks on a background with the XYZ color 52.1426, 41.2235,

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

52.1426, 41.2235, 99.8165

Protanopia

43.3933, 41.3467, 100.3014

Deuteranopia

42.6230, 41.5798, 97.0460



Tritanopia

41.8241, 41.1231, 48.9132

Trichromacy



Original Color

52.1426, 41.2235, 99.8165



Protanomaly

45.8706, 40.7420, 100.0541



Deuteranomaly

45.3434, 41.0528, 97.6296

Tritanomaly

44.9936, 40.8135, 64.5379

Monochromacy



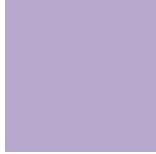
Original Color

52.1426, 41.2235, 99.8165



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

44.7892, 42.6034, 63.6202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1426, 41.2235, 99.8165 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(197, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 151, 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(197, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.1426, 41.2235, 99.8165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

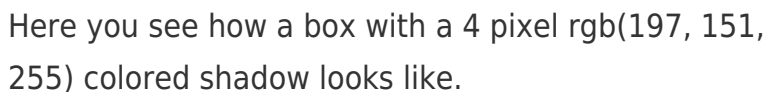
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 151, 255) }
```


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

```
.border{ border-color:rgb(197, 151, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 151,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1426, 41.2235, 99.8165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 151, 255) }
```

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

```
.background{ background-color: rgb(197,  
151, 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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