

Converting Colors

XYZ(60.1617, 43.9873,
136.0310)

Have a look what the booklet for
XYZ(60.1617, 43.9873, 136.0310)
contains.

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Color

**XYZ(53.4260, 41.4114,
99.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	CB95FF
RGB	203, 149, 255
RGB Percent	80%, 58%, 100%
CMY	0.2039, 0.4157, 0.0000
CMYK	0.20, 0.42, 0.00, 0.00
HSL	271°, 100%, 79%
HSV	271°, 42%, 100%
XYZ	53.4260, 41.4114, 99.7851
YIQ	177.2300, -1.8420, 44.4140

Conversions

Conversions Part 2

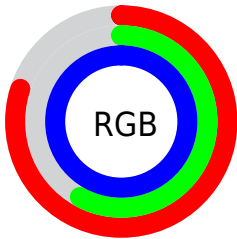
Format	Color
R _Y B	203, 149, 255
Decimal	13342207
CIE Lab	70.46, 39.96, -45.19
CIE LCh	70, 60.323, 311.482
Yxy	41.4114, 0.2745, 0.2128
Android (android.graphics.Color)	4291532287 (0xFFCB95FF)
YUV	177.2300, 38.3406, 22.6003
Hunter-Lab	64.3517, 35.5786, -46.8902

Details

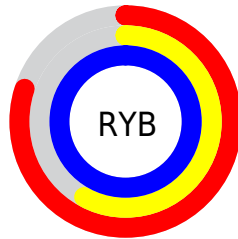
The XYZ color **53.4260, 41.4114, 99.7851** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.2729, 86.1078, 41.6156**, and the grayscale version is **41.7176, 43.8901, 47.7964**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **26.5004, 18.8296, 55.6638** is the 20% darker color. If you saturate the color by 10%, you get **46.5543, 32.5221, 98.4314**, and if you desaturate by 10%, it is **61.4585, 52.2119, 101.4464**.

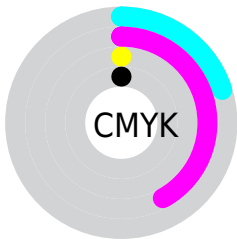
Distribution



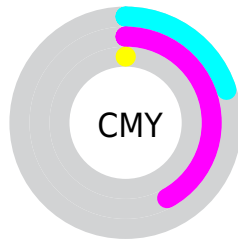
- Red (80%)
- Green (58%)
- Blue (100%)



- Red (80%)
- Yellow (58%)
- Blue (100%)



- Cyan (20%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4260, 41.4114, 99.7851 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 53.4260, 41.4114, 99.7851 by changing the saturation by 10% instead.


 53.4260, 41.4114,
99.7851


 53.4260, 41.4114,
99.7851


390.1515,
352.0371, 580.7443

 38.3718, 28.6407,
75.5052

 94.3928, 77.3080,
162.9111

 26.4499, 18.8092,
55.5226

 121.0360,
101.2027, 202.5943

 17.2950, 11.5325,
39.4189


152.2731,
129.5742, 248.2491

 10.5416, 6.4262,
26.7754


188.4691,
162.8068, 300.2938

 5.8245, 3.1059,
17.1737

229.9897,
201.2851, 359.1472

 2.7783, 1.1873,
10.1951

277.2000,

 1.0376, 0.0513,

245.3933, 425.2277

5.4212

330.4655,
295.5158, 498.9539

■ 0.0000, 0.0000,
2.4334

■ 0.0000, 0.0000,
0.8046

■ 53.4260, 41.4114,
99.7851

■ 53.4260, 41.4114,
99.7851

■ 46.5543, 32.5221,
98.4314

■ 61.4585, 52.2119,
101.4464

■ 40.7745, 25.4192,
97.3651

■ 70.7068, 65.0278,
103.4327

■ 36.0160, 19.9705,
96.5642

■ 81.2272, 79.9616,
105.7607

■ 32.1970, 16.0223,
96.0034

■ 93.0709, 97.1069,
108.4459

■ 29.2197, 13.3902,
95.6523

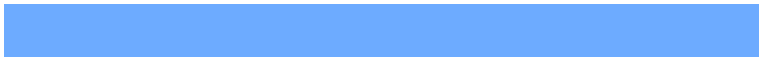
95.0500, 100.0000,
108.9000

■ 27.2417, 11.9585,
95.4802

Harmonies

Analogous

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



43.2887, 41.4114, 122.8157



53.4260, 41.4114, 99.7851



60.4072, 41.4114, 64.8050

Triad

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



53.4260, 41.4114, 99.7851



45.7480, 41.4114, 10.5549



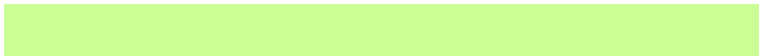
23.4440, 41.4114, 56.8869

Complementary

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



53.4260, 41.4114, 99.7851



65.2729, 86.1078, 41.6156

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.



23.8764, 41.4114, 29.8436



53.4260, 41.4114, 99.7851



35.6771, 41.4114, 9.9082

Square

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



53.4260, 41.4114, 99.7851



55.4854, 41.4114, 17.6829



28.0092, 41.4114, 15.2578



26.7078, 41.4114, 91.9333

Rectangle

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



53.4260, 41.4114, 99.7851



61.7249, 41.4114, 43.6893



28.0092, 41.4114, 15.2578



23.1788, 41.4114, 46.5202

Sweetspot

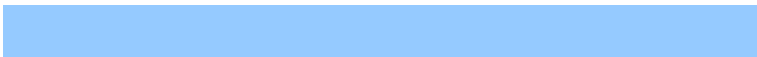
The Sweet Spot groups the original color and five complimentary colors.



53.4274, 41.4130, 99.7853



80.7447, 79.2699, 105.6527



51.5661, 55.8519, 102.6704



16.9743, 16.5257, 22.5451



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.



53.4274, 41.4130, 99.7853



47.5574, 33.7940, 98.6241



70.0381, 49.9761, 100.5627



17.8853, 17.8326, 22.7493



14.4073, 6.3377, 49.8985



1.5289, 0.6821, 4.8643

Inverse Universe

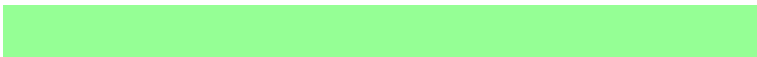
The Inverse Universe completely reimagines the original color for something new.



62.5309, 46.9733, 61.0302



58.1935, 40.2880, 53.4511



53.5803, 80.0800, 41.0684



18.3808, 18.1356, 20.6224



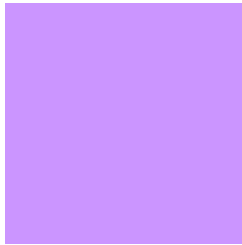
23.5611, 11.9137, 11.6051



2.3491, 1.1820, 1.4196

Previews

White Background



This preview shows how the XYZ color 53.4260, 41.4114, 99.7851 looks on a white background.

Color Contrast Check

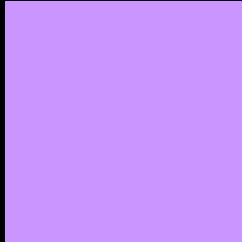
Large Text (above 18pt) WCAG AA × Fail

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 53.4260, 41.4114, 99.7851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

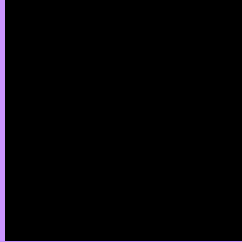
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4260, 41.4114, 99.7851

Background



This preview shows how black text looks on a background with the XYZ color 53.4260, 41.4114, 99.7851.



This preview shows how white text looks on a background with the XYZ color 53.4260, 41.4114,

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

53.4260, 41.4114, 99.7851

Protanopia

43.7524, 41.8091, 100.3717

Deuteranopia

42.9600, 41.7536, 97.0618



Tritanopia

43.0081, 41.4743, 48.3864

Trichromacy



Original Color

53.4260, 41.4114, 99.7851



Protanomaly

46.4874, 41.0600, 100.0830



Deuteranomaly

45.9777, 41.1152, 97.6082



Tritanomaly

46.3390, 41.2487, 64.5510

Monochromacy



Original Color

53.4260, 41.4114, 99.7851



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.0879, 42.4843, 63.5815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4260, 41.4114, 99.7851 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(203, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 149, 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(203, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 149, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.4260, 41.4114, 99.7851 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(203, 149, 255) }
```


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

```
.border{ border-color:rgb(203, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 149,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4260, 41.4114, 99.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 149, 255) }
```

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

```
.background{ background-color: rgb(203,  
149, 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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