

Converting Colors

XYZ(53.4570, 42.7784, 98.7803)

Have a look what the booklet for
XYZ(53.4570, 42.7784, 98.7803)
contains.

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Color

**XYZ(53.5384, 42.9520,
98.3973)**

Conversions

Conversions Part 1

Format	Color
Hex	C99BFD
RGB	201, 155, 253
RGB Percent	79%, 61%, 99%
CMY	0.2118, 0.3921, 0.0078
CMYK	0.21, 0.39, 0.00, 0.01
HSL	268°, 96%, 80%
HSV	268°, 39%, 99%
XYZ	53.5384, 42.9520, 98.3973
YIQ	179.9260, -4.0420, 40.2300

Conversions

Conversions Part 2

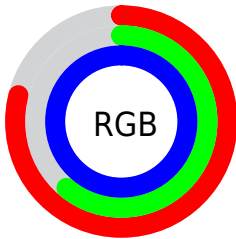
Format	Color
RYB	201, 155, 253
Decimal	13212669
CIELab	71.52, 35.68, -42.46
CIElCh	72, 55.462, 310.041
Yxy	42.9520, 0.2747, 0.2204
Android (android.graphics.Color)	4291402749 (0xFFC99BFD)
YUV	179.9260, 36.0255, 18.4819
Hunter-Lab	65.5378, 31.1272, -43.1406

Details

The XYZ color **53.5384, 42.9520, 98.3973** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.7748, 85.8834, 44.0697**, and the grayscale version is **43.1585, 45.4061, 49.4473**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **26.4911, 19.7058, 54.6319** is the 20% darker color. If you saturate the color by 10%, you get **46.3084, 33.6163, 96.9771**, and if you desaturate by 10%, it is **61.9689, 54.2177, 100.1282**.

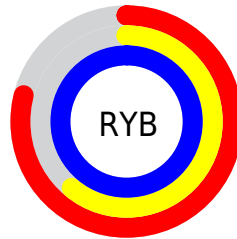
Distribution



Red (79%)

Green (61%)

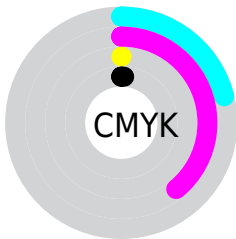
Blue (99%)



Red (79%)

Yellow (61%)

Blue (99%)

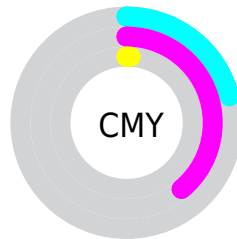


Cyan (21%)

Magenta (39%)

Yellow (0%)

Black (1%)



Cyan (21%)


Magenta (39%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5384, 42.9520, 98.3973 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 53.5384, 42.9520, 98.3973 by changing the saturation by 10% instead.


 53.5384, 42.9520,
98.3973


 53.5384, 42.9520,
98.3973


390.5745,
358.4143, 576.2447

 38.4619, 29.8475,
74.3533

 94.5570, 79.6384,
160.9856

 26.5203, 19.7228,
54.5847


 121.2299,
103.9891, 200.3670

 17.3480, 12.1937,
38.6730


152.4990,
132.8573, 245.6979

 10.5797, 6.8758,
26.1996

188.7296,
166.6273, 297.3969

 5.8502, 3.3845,
16.7459

230.2871,
205.6836, 355.8826

 2.7940, 1.3356,
9.8934

277.5368,

 1.0458, 0.1685,

250.4107, 421.5734

5.2237

330.8442,
301.1928, 494.8879

■ 0.0000, 0.0000,
2.3181

■ 0.0000, 0.0000,
0.7413

■ 53.5384, 42.9520,
98.3973

■ 53.5384, 42.9520,
98.3973

■ 46.3084, 33.6163,
96.9771

■ 61.9689, 54.2177,
100.1282

■ 40.2108, 26.0904,
95.8458

■ 71.6537, 67.5137,
102.1841

■ 35.1768, 20.2478,
94.9834

■ 82.6487, 82.9393,
104.5821

■ 31.1273, 15.9433,
94.3660

94.6196, 99.8151,
107.2085

■ 27.9697, 13.0051,
93.9653

94.7298, 99.8719,
107.2136

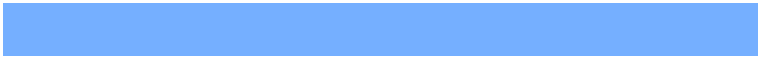
■ 25.5738, 11.1873,
93.7407

■ 25.3043, 10.9967,
93.7181

Harmonies

Analogous

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



44.0450, 42.9520, 118.1386



53.5384, 42.9520, 98.3973



60.1952, 42.9520, 66.6707

Triad

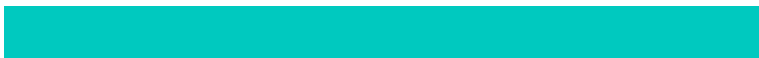
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.5384, 42.9520, 98.3973



47.2845, 42.9520, 13.1141



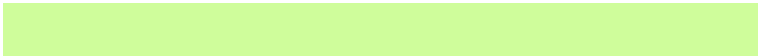
25.5375, 42.9520, 56.3465

Complementary

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



53.5384, 42.9520, 98.3973



66.7748, 85.8834, 44.0697

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.



26.1313, 42.9520, 31.2810



53.5384, 42.9520, 98.3973



37.7651, 42.9520, 12.1502

Square

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



53.5384, 42.9520, 98.3973



56.2193, 42.9520, 20.8186



30.3020, 42.9520, 17.3552



28.5330, 42.9520, 88.4047

Rectangle

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



53.5384, 42.9520, 98.3973



61.6072, 42.9520, 46.7307



30.3020, 42.9520, 17.3552



25.3363, 42.9520, 46.8041

Sweetspot

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



53.5399, 42.9537, 98.3983



80.3301, 79.0562, 105.6333



53.6260, 58.8168, 101.4556



16.8768, 16.4754, 22.5405



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.



53.5399, 42.9537, 98.3983



49.0267, 36.6169, 99.0915



68.7809, 50.8107, 99.1115



17.8137, 17.7957, 22.7460



13.6258, 5.9348, 49.8620



1.4515, 0.6422, 4.8607

Inverse Universe

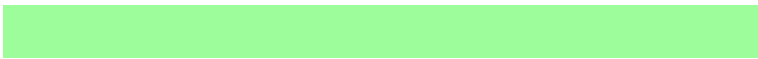
The Inverse Universe completely reimagines the original color for something new.



63.4929, 48.8318, 65.1114



60.7038, 43.5183, 59.8072



55.1960, 79.9143, 43.5278



18.4122, 18.1482, 20.7878



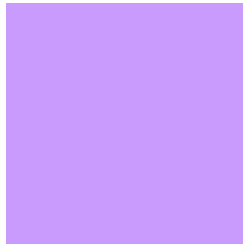
23.9213, 12.0578, 13.5017



2.3844, 1.1961, 1.6055

Previews

White Background



This preview shows how the XYZ color 53.5384, 42.9520, 98.3973 looks on a white background.

Color Contrast Check

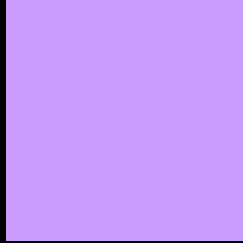
Large Text (above 18pt) WCAG AA × Fail

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 53.5384, 42.9520, 98.3973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

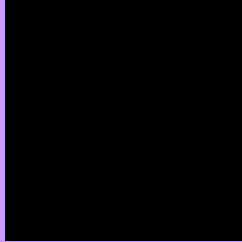
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5384, 42.9520, 98.3973

Background



This preview shows how black text looks on a background with the XYZ color 53.5384, 42.9520, 98.3973.



This preview shows how white text looks on a background with the XYZ color 53.5384, 42.9520,

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

53.5384, 42.9520, 98.3973

Protanopia

45.2063, 43.4030, 100.6027

Deuteranopia

44.4477, 43.4076, 95.6584



Tritanopia

43.9082, 42.9872, 50.7829

Trichromacy



Original Color

53.5384, 42.9520, 98.3973



Protanomaly

47.4620, 42.6437, 99.4955



Deuteranomaly

47.0104, 42.7551, 96.2173

Tritanomaly

46.8326, 42.8018, 65.4677

Monochromacy



Original Color

53.5384, 42.9520, 98.3973



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.5644, 44.3222, 65.1323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5384, 42.9520, 98.3973 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(201, 155, 253)` looks like.

```
.text, #text, p{  
    color:rgb(201, 155, 253)  
}
```

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(201, 155, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 155, 253) }
```

Border

The CSS property to change the border of an element to XYZ 53.5384, 42.9520, 98.3973 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(201, 155, 253) }
```


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

```
.border{ border-color:rgb(201, 155, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 155, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 155, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 155, 253);  
box-shadow:4px 4px 4px 4px rgb(201, 155,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5384, 42.9520, 98.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 155, 253) }
```

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

```
.background{ background-color: rgb(201,  
155, 253) }
```

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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