

Converting Colors

XYZ(54.2382, 42.6176,
103.8882)

Have a look what the booklet for
XYZ(54.2382, 42.6176, 103.8882)
contains.

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Color

**XYZ(53.5286, 42.4200,
99.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	C999FF
RGB	201, 153, 255
RGB Percent	79%, 60%, 100%
CMY	0.2118, 0.4000, 0.0000
CMYK	0.21, 0.40, 0.00, 0.00
HSL	268°, 100%, 80%
HSV	268°, 40%, 100%
XYZ	53.5286, 42.4200, 99.9743
YIQ	178.9800, -4.1340, 41.8980

Conversions

Conversions Part 2

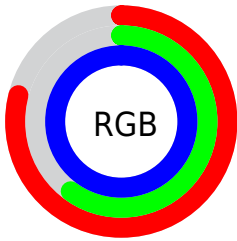
Format	Color
R _Y B	201, 153, 255
Decimal	13212159
CIE Lab	71.16, 37.22, -44.11
CIE LCh	71, 57.718, 310.155
Yxy	42.4200, 0.2732, 0.2165
Android (android.graphics.Color)	4291402239 (0xFFC999FF)
YUV	178.9800, 37.4779, 19.3115
Hunter-Lab	65.1306, 32.7243, -45.4176

Details

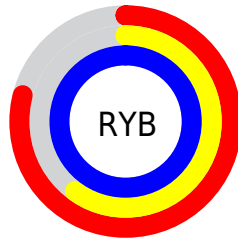
The XYZ color **53.5286, 42.4200, 99.9743** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.2426, 87.0856, 43.4039**, and the grayscale version is **42.6467, 44.8676, 48.8609**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **26.5238, 19.4043, 55.7735** is the 20% darker color. If you saturate the color by 10%, you get **46.3214, 33.1576, 98.5664**, and if you desaturate by 10%, it is **61.9493, 53.6336, 101.6950**.

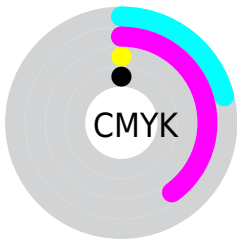
Distribution



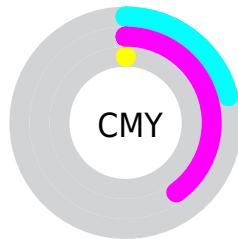
- Red (79%)
- Green (60%)
- Blue (100%)



- Red (79%)
- Yellow (60%)
- Blue (100%)



- Cyan (21%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5286, 42.4200, 99.9743 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 53.5286, 42.4200, 99.9743 by changing the saturation by 10% instead.


 53.5286, 42.4200,
99.9743


 53.5286, 42.4200,
99.9743


390.5376,
356.2211, 581.3562

 38.4541, 29.4303,
75.6623

 94.5427, 78.8349,
163.1734

 26.5141, 19.4066,
55.6507

 121.2130,
103.0289, 202.8977

 17.3433, 11.9644,
39.5208


152.4793,
131.7264, 248.5964

 10.5764, 6.7195,
26.8542

188.7069,
165.3119, 300.6881

 5.8480, 3.2873,
17.2323

230.2611,
204.1697, 359.5914

 2.7926, 1.2835,
10.2365

277.5074,

 1.0451, 0.1284,

248.6842, 425.7249

5.4484

330.8112,
299.2399, 499.5070

■ 0.0000, 0.0000,
2.4494

■ 0.0000, 0.0000,
0.8132

■ 53.5286, 42.4200,
99.9743

■ 53.5286, 42.4200,
99.9743

■ 46.3214, 33.1576,
98.5664

■ 61.9493, 53.6336,
101.6950

■ 40.2580, 25.7225,
97.4509

■ 71.6395, 66.9020,
103.7453

■ 35.2673, 19.9841,
96.6063

■ 82.6563, 82.3272,
106.1420

■ 31.2672, 15.7913,
96.0078

95.0500, 100.0000,
108.9000

■ 28.1610, 12.9646,
95.6259

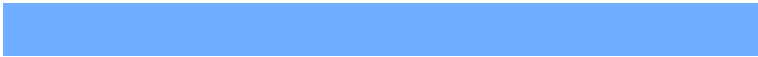
■ 25.7963, 11.2134,
95.4125

■ 25.7959, 11.2132,
95.4125

Harmonies

Analogous

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



43.6847, 42.4200, 120.8764



53.5286, 42.4200, 99.9743



60.4459, 42.4200, 66.7139

Triad

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



53.5286, 42.4200, 99.9743



46.9623, 42.4200, 12.0358



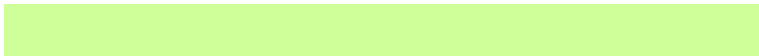
24.6538, 42.4200, 56.2208

Complementary

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



53.5286, 42.4200, 99.9743



67.2426, 87.0856, 43.4039

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.



25.2438, 42.4200, 30.3741



53.5286, 42.4200, 99.9743



37.1306, 42.4200, 11.1112

Square

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



53.5286, 42.4200, 99.9743



56.2551, 42.4200, 19.6673



29.4837, 42.4200, 16.2840



27.7183, 42.4200, 89.7092

Rectangle

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



53.5286, 42.4200, 99.9743



61.9030, 42.4200, 46.0448



29.4837, 42.4200, 16.2840



24.4448, 42.4200, 46.3319

Sweetspot

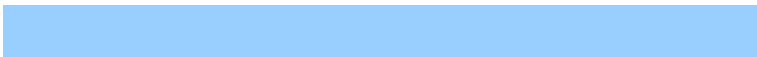
The Sweet Spot groups the original color and five complimentary colors.



53.5300, 42.4217, 99.9746



80.3425, 79.0625, 105.6338



53.5979, 58.8133, 103.1349



16.8797, 16.4769, 22.5407



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.



53.5300, 42.4217, 99.9746



47.6682, 34.8587, 98.8238



69.4421, 50.6246, 100.7193



17.8159, 17.7968, 22.7461



13.6481, 5.9463, 49.8630



1.4537, 0.6433, 4.8608

Inverse Universe

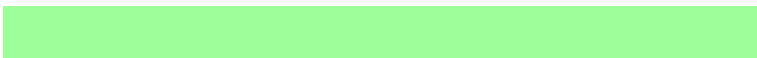
The Inverse Universe completely reimagines the original color for something new.



63.8945, 48.5488, 65.0356



59.6967, 41.9753, 58.0192



55.2987, 80.9283, 42.8449



18.4113, 18.1478, 20.7828



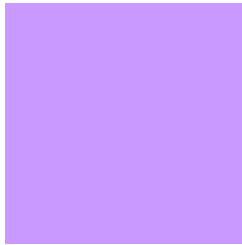
23.9100, 12.0533, 13.4423



2.3833, 1.1957, 1.5997

Previews

White Background



This preview shows how the XYZ color 53.5286, 42.4200, 99.9743 looks on a white background.

Color Contrast Check

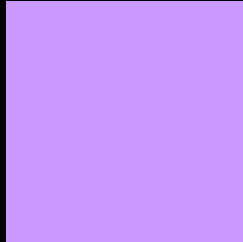
Large Text (above 18pt) WCAG AA × Fail

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 53.5286, 42.4200, 99.9743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

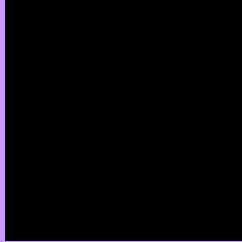
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5286, 42.4200, 99.9743

Background



This preview shows how black text looks on a background with the XYZ color 53.5286, 42.4200, 99.9743.



This preview shows how white text looks on a background with the XYZ color 53.5286, 42.4200,

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

53.5286, 42.4200, 99.9743

Protanopia

44.6566, 42.8360, 100.5223

Deuteranopia

43.8578, 42.7815, 97.2129



Tritanopia

43.3705, 42.4447, 50.1627

Trichromacy



Original Color

53.5286, 42.4200, 99.9743



Protanomaly

47.2310, 42.2373, 100.2710



Deuteranomaly

46.7240, 42.3000, 97.7976



Tritanomaly

46.5981, 42.1353, 65.9985

Monochromacy



Original Color

53.5286, 42.4200, 99.9743



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.1307, 43.8192, 65.0581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5286, 42.4200, 99.9743 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, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 153, 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(201, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.5286, 42.4200, 99.9743 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, 153, 255) }
```


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

```
.border{ border-color:rgb(201, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5286, 42.4200, 99.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 153, 255) }
```

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

```
.background{ background-color: rgb(201,  
153, 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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