

Converting Colors

XYZ(52.6039, 43.1408,
100.1622)

Have a look what the booklet for
XYZ(52.6039, 43.1408, 100.1622)
contains.

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Color

**XYZ(52.5250, 43.1431,
100.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	C29EFF
RGB	194, 158, 255
RGB Percent	76%, 62%, 100%
CMY	0.2392, 0.3804, 0.0000
CMYK	0.24, 0.38, 0.00, 0.00
HSL	262°, 100%, 81%
HSV	262°, 38%, 100%
XYZ	52.5250, 43.1431, 100.1668
YIQ	179.8220, -9.6810, 37.7990

Conversions

Conversions Part 2

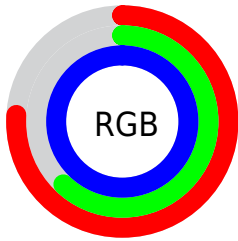
Format	Color
RYB	194, 158, 255
Decimal	12754687
CIELab	71.65, 32.50, -43.39
CIELCh	72, 54.212, 306.834
Yxy	43.1431, 0.2682, 0.2203
Android (android.graphics.Color)	4290944767 (0xFFC29EFF)
YUV	179.8220, 37.0628, 12.4341
Hunter-Lab	65.6834, 27.7950, -44.4385

Details

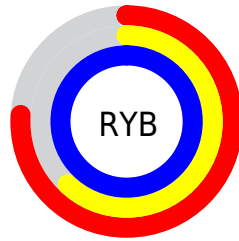
The XYZ color **52.5250, 43.1431, 100.1668** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.1456, 89.0490, 45.7879**, and the grayscale version is **43.0997, 45.3442, 49.3799**.

A 20% lighter version of the original color is **81.9891, 75.5039, 104.8602**, and **25.8283, 19.7886, 55.8844** is the 20% darker color. If you saturate the color by 10%, you get **44.7223, 33.3206, 98.6821**, and if you desaturate by 10%, it is **61.6770, 55.0025, 101.9736**.

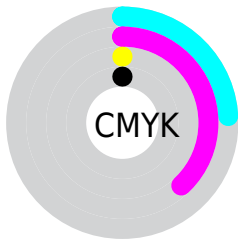
Distribution



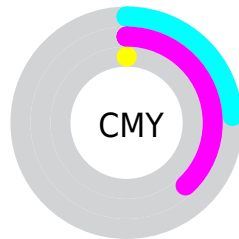
- Red (76%)
- Green (62%)
- Blue (100%)



- Red (76%)
- Yellow (62%)
- Blue (100%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5250, 43.1431, 100.1668 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 52.5250, 43.1431, 100.1668 by changing the saturation by 10% instead.

■ 52.5250, 43.1431,
100.1668

■ 52.5250, 43.1431,
100.1668

386.7508,
359.1999, 581.9786

■ 37.6497, 29.9974,
75.8222

■ 93.0747, 79.9268,
163.4403

■ 25.8869, 19.8366,
55.7809

■ 119.4798,
104.3335, 203.2062

■ 16.8713, 12.2763,
39.6245

150.4588,
133.2628, 248.9496

■ 10.2375, 6.9322,
26.9343

186.3772,
167.0989, 301.0891

■ 5.6202, 3.4197,
17.2919

227.6002,
206.2262, 360.0432

■ 2.6540, 1.3546,
10.2787

274.4932,

■ 0.9735, 0.1829,

251.0293, 426.2305

5.4761

327.4217,
301.8924, 500.0694

■ 0.0000, 0.0000,
2.4656

■ 0.0000, 0.0000,
0.8219

■ 52.5250, 43.1431,
100.1668

■ 52.5250, 43.1431,
100.1668

■ 44.7223, 33.3206,
98.6821

■ 61.6770, 55.0025,
101.9736

■ 38.1944, 25.4104,
97.4994

■ 72.2389, 69.0037,
104.1194

■ 32.8654, 19.2814,
96.5972

■ 84.2725, 85.2498,
106.6210

■ 28.6487, 14.7834,
95.9513

95.0500, 100.0000,
108.9000

■ 25.4436, 11.7398,
95.5327

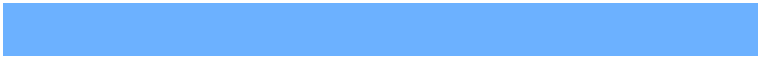
■ 23.1184, 9.9135,
95.3028

■ 22.7321, 9.6337,
95.2691

Harmonies

Analogous

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



43.1428, 43.1431, 117.1711



52.5250, 43.1431, 100.1668



59.4700, 43.1431, 69.8018

Triad

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



52.5250, 43.1431, 100.1668



48.3498, 43.1431, 14.1411



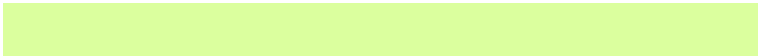
25.8581, 43.1431, 53.2516

Complementary

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



52.5250, 43.1431, 100.1668



71.1456, 89.0490, 45.7879

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.



26.8243, 43.1431, 29.7623



52.5250, 43.1431, 100.1668



38.9414, 43.1431, 12.5363

Square

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



52.5250, 43.1431, 100.1668



56.8191, 43.1431, 22.7189



31.3081, 43.1431, 17.0188



28.4385, 43.1431, 84.2675

Rectangle

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



52.5250, 43.1431, 100.1668



61.2770, 43.1431, 49.8232



31.3081, 43.1431, 17.0188



25.7857, 43.1431, 44.2384

Sweetspot

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



52.5264, 43.1448, 100.1671



80.5509, 80.1975, 105.8419



57.5964, 65.3797, 104.1916



16.8861, 16.6851, 22.5805



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.



52.5264, 43.1448, 100.1671



46.2066, 35.1631, 98.9596



66.9185, 50.5642, 100.8406



17.6398, 17.7060, 22.7378



12.0286, 5.1115, 49.7872



1.2870, 0.5574, 4.8530

Inverse Universe

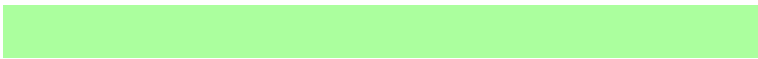
The Inverse Universe completely reimagines the original color for something new.



66.2538, 50.8296, 73.3376



62.1018, 44.0775, 67.1690



58.7127, 82.6396, 45.2060



18.4900, 18.1793, 21.1973



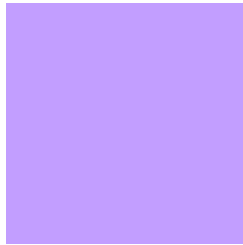
24.9553, 12.4714, 18.9471



2.4827, 1.2354, 2.1231

Previews

White Background



This preview shows how the XYZ color 52.5250, 43.1431, 100.1668 looks on a white background.

Color Contrast Check

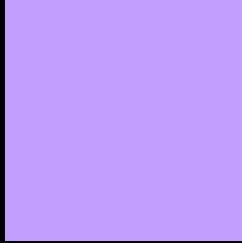
Large Text (above 18pt) WCAG AA × Fail

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 52.5250, 43.1431, 100.1668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

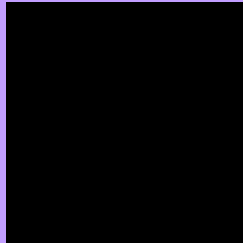
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5250, 43.1431, 100.1668

Background



This preview shows how black text looks on a background with the XYZ color 52.5250, 43.1431, 100.1668.



This preview shows how white text looks on a background with the XYZ color 52.5250, 43.1431,

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

52.5250, 43.1431, 100.1668

Protanopia

45.2063, 43.4030, 100.6027

Deuteranopia

44.5608, 43.4114, 98.1261



Tritanopia

42.6715, 42.8740, 52.4808

Trichromacy



Original Color

52.5250, 43.1431, 100.1668

Protanomaly

47.5697, 43.2246, 100.4437

Deuteranomaly

46.8365, 42.8836, 98.7373

Tritanomaly

45.8263, 42.7797, 67.4700

Monochromacy



Original Color

52.5250, 43.1431, 100.1668

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.0226, 44.3243, 65.1613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5250, 43.1431, 100.1668 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, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 158, 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, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 158, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.5250, 43.1431, 100.1668 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, 158, 255) }
```


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

```
.border{ border-color:rgb(194, 158, 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, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 158,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5250, 43.1431, 100.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 158, 255) }
```

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

```
.background{ background-color: rgb(194,  
158, 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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