

Converting Colors

XYZ(53.6298, 42.9929,
100.0796)

Have a look what the booklet for
XYZ(53.6298, 42.9929, 100.0796)
contains.

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Color

**XYZ(53.5908, 42.9420,
100.0718)**

Conversions

Conversions Part 1

Format	Color
Hex	C89BFF
RGB	200, 155, 255
RGB Percent	78%, 61%, 100%
CMY	0.2157, 0.3921, 0.0000
CMYK	0.22, 0.39, 0.00, 0.00
HSL	267°, 100%, 80%
HSV	267°, 39%, 100%
XYZ	53.5908, 42.9420, 100.0718
YIQ	179.8550, -5.2800, 40.6400

Conversions

Conversions Part 2

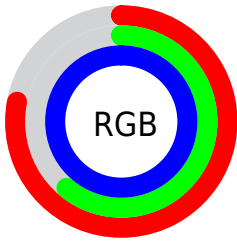
Format	Color
R_{YB}	200, 155, 255
Decimal	13147135
CIE _{Lab}	71.52, 35.84, -43.56
CIE _{LCh}	72, 56.415, 309.448
Yxy	42.9420, 0.2726, 0.2184
Android (android.graphics.Color)	4291337215 (0xFFC89BFF)
YUV	179.8550, 37.0465, 17.6672
Hunter-Lab	65.5301, 31.3002, -44.6713

Details

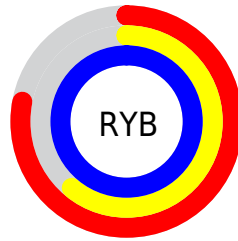
The XYZ color **53.5908, 42.9420, 100.0718** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **68.2551, 87.5884, 44.3207**, and the grayscale version is **43.1157, 45.3610, 49.3982**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **26.5449, 19.7070, 55.8308** is the 20% darker color. If you saturate the color by 10%, you get **46.2112, 33.4899, 98.6363**, and if you desaturate by 10%, it is **62.2128, 54.3665, 101.8226**.

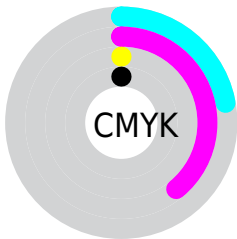
Distribution



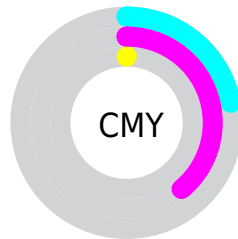
- Red (78%)
- Green (61%)
- Blue (100%)



- Red (78%)
- Yellow (61%)
- Blue (100%)



- Cyan (22%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5908, 42.9420, 100.0718 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 53.5908, 42.9420, 100.0718 by changing the saturation by 10% instead.


 53.5908, 42.9420,
100.0718


 53.5908, 42.9420,
100.0718


390.7715,
358.3732, 581.6715

 38.5040, 29.8396,
75.7433

 94.6336, 79.6233,
163.3086

 26.5531, 19.7169,
55.7166


 121.3202,
103.9711, 203.0539

 17.3727, 12.1894,
39.5733


152.6042,
132.8360, 248.7753

 10.5975, 6.8728,
26.8948

188.8509,
166.6026, 300.8913

 5.8622, 3.3827,
17.2625

230.4256,
205.6552, 359.8203

 2.8013, 1.3346,
10.2579

277.6937,

 1.0496, 0.1678,

250.3783, 425.9810

5.4624

331.0206,
301.1561, 499.7919

■ 0.0000, 0.0000,
2.4576

■ 0.0000, 0.0000,
0.8176

■ 53.5908, 42.9420,
100.0718

■ 53.5908, 42.9420,
100.0718

■ 46.2112, 33.4899,
98.6363

■ 62.2128, 54.3665,
101.8226

■ 40.0038, 25.8868,
97.4960

■ 72.1337, 67.8669,
103.9055

■ 34.8969, 20.0025,
96.6293

■ 83.4115, 83.5450,
106.3373

■ 30.8082, 15.6872,
96.0119

95.0500, 100.0000,
108.9000

■ 27.6411, 12.7635,
95.6145

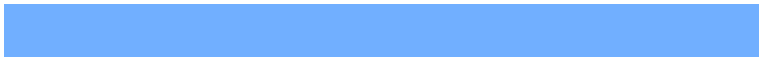
■ 25.2550, 10.9666,
95.3934

■ 25.0878, 10.8481,
95.3794

Harmonies

Analogous

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



43.8954, 42.9420, 119.9151



53.5908, 42.9420, 100.0718



60.4749, 42.9420, 67.6899

Triad

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



53.5908, 42.9420, 100.0718



47.5871, 42.9420, 12.8353



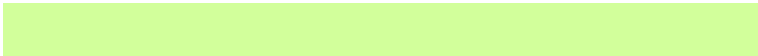
25.2852, 42.9420, 55.9046

Complementary

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



53.5908, 42.9420, 100.0718



68.2551, 87.5884, 44.3207

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.



25.9575, 42.9420, 30.6563



53.5908, 42.9420, 100.0718



37.8823, 42.9420, 11.7576

Square

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



53.5908, 42.9420, 100.0718



56.6516, 42.9420, 20.7236



30.2506, 42.9420, 16.8258



28.2446, 42.9420, 88.6213

Rectangle

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



53.5908, 42.9420, 100.0718



62.0012, 42.9420, 47.2636



30.2506, 42.9420, 16.8258



25.1057, 42.9420, 46.2531

Sweetspot

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



53.5922, 42.9437, 100.0721



80.1304, 78.9532, 105.6239



54.6152, 60.2829, 103.3650



16.8299, 16.4512, 22.5383



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.



53.5922, 42.9437, 100.0721



47.7420, 35.4194, 98.9281



69.1963, 50.9879, 100.8023



17.7792, 17.7779, 22.7444



13.2752, 5.7541, 49.8456



1.4162, 0.6240, 4.8591

Inverse Universe

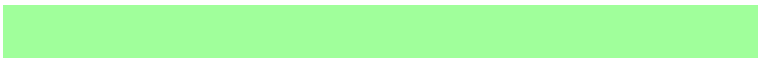
The Inverse Universe completely reimagines the original color for something new.



64.5948, 49.3570, 67.0953



60.4753, 42.8500, 60.3825



56.1746, 81.3606, 43.7554



18.4275, 18.1543, 20.8681



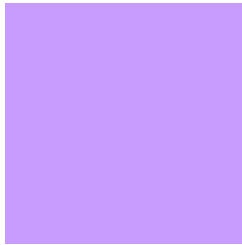
24.1081, 12.1325, 14.4857



2.4024, 1.2033, 1.7006

Previews

White Background



This preview shows how the XYZ color 53.5908, 42.9420, 100.0718 looks on a white background.

Color Contrast Check

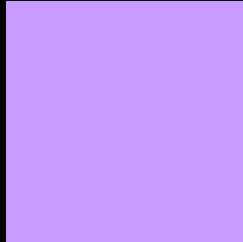
Large Text (above 18pt) WCAG AA × Fail

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 53.5908, 42.9420, 100.0718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

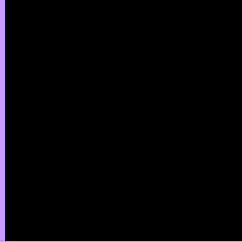
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5908, 42.9420, 100.0718

Background



This preview shows how black text looks on a background with the XYZ color 53.5908, 42.9420, 100.0718.



This preview shows how white text looks on a background with the XYZ color 53.5908, 42.9420,

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

53.5908, 42.9420, 100.0718

Protanopia

45.2063, 43.4030, 100.6027

Deuteranopia

44.4027, 43.3481, 97.2935



Tritanopia

43.7655, 42.9015, 51.3215

Trichromacy



Original Color

53.5908, 42.9420, 100.0718



Protanomaly

47.6226, 42.7079, 100.3412



Deuteranomaly

47.1153, 42.7727, 97.8682

Tritanomaly

46.8262, 42.7699, 66.7602

Monochromacy



Original Color

53.5908, 42.9420, 100.0718



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.3189, 44.1956, 65.1208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5908, 42.9420, 100.0718 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(200, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 155, 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(200, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 155, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.5908, 42.9420, 100.0718 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(200, 155, 255) }
```


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

```
.border{ border-color:rgb(200, 155, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 155,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5908, 42.9420, 100.0718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 155, 255) }
```

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

```
.background{ background-color: rgb(200,  
155, 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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