

Converting Colors

XYZ(54.0467, 42.6870, 99.9986)

Have a look what the booklet for
XYZ(54.0467, 42.6870, 99.9986)
contains.

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Color

**XYZ(54.0698, 42.6990,
99.9997)**

Conversions

Conversions Part 1

Format	Color
Hex	CB99FF
RGB	203, 153, 255
RGB Percent	80%, 60%, 100%
CMY	0.2039, 0.4000, 0.0000
CMYK	0.20, 0.40, 0.00, 0.00
HSL	269°, 100%, 80%
HSV	269°, 40%, 100%
XYZ	54.0698, 42.6990, 99.9997
YIQ	179.5780, -2.9420, 42.3220

Conversions

Conversions Part 2

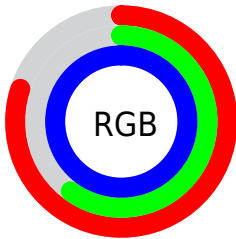
Format	Color
R_{YB}	203, 153, 255
Decimal	13343231
CIE _{Lab}	71.35, 37.78, -43.80
CIE _{LCh}	71, 57.847, 310.782
Yxy	42.6990, 0.2748, 0.2170
Android (android.graphics.Color)	4291533311 (0xFFCB99FF)
YUV	179.5780, 37.1830, 20.5411
Hunter-Lab	65.3445, 33.3484, -44.9931

Details

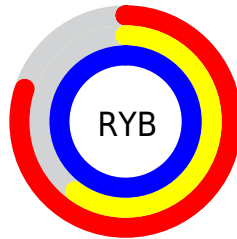
The XYZ color **54.0698, 42.6990, 99.9997** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.6874, 86.7994, 43.3779**, and the grayscale version is **42.9662, 45.2038, 49.2269**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **26.8793, 19.5876, 55.7902** is the 20% darker color. If you saturate the color by 10%, you get **46.9405, 33.4768, 98.5954**, and if you desaturate by 10%, it is **62.3905, 53.8611, 101.7156**.

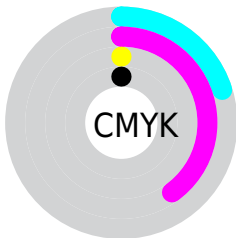
Distribution



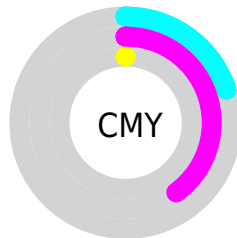
- Red (80%)
- Green (60%)
- Blue (100%)



- Red (80%)
- Yellow (60%)
- Blue (100%)



- Cyan (20%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0698, 42.6990, 99.9997 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 54.0698, 42.6990, 99.9997 by changing the saturation by 10% instead.


 54.0698, 42.6990,
99.9997


 54.0698, 42.6990,
99.9997


392.5701,
357.3724, 581.4384

 38.8884, 29.6490,
75.6834


 95.3330, 79.2564,
163.2086

 26.8532, 19.5723,
55.6678


 122.1455,
103.5327, 202.9384

 17.5990, 12.0846,
39.5345


153.5657,
132.3198, 248.6430

 10.7604, 6.8013,
26.8647

189.9590,
166.0022, 300.7410

 5.9721, 3.3381,
17.2401

231.6907,
204.9643, 359.6511

 2.8686, 1.3107,
10.2421

279.1263,

 1.0847, 0.1495,

249.5904, 425.7916

5.4521

332.6310,
300.2650, 499.5812

■ 0.0122, 0.0000,
2.4515

■ 0.0000, 0.0000,
0.8143

■ 54.0698, 42.6990,
99.9997

■ 54.0698, 42.6990,
99.9997

■ 46.9405, 33.4768,
98.5954

■ 62.3905, 53.8611,
101.7156

■ 40.9339, 26.0710,
97.4825

■ 71.9577, 67.0661,
103.7602

■ 35.9797, 20.3514,
96.6396

■ 82.8277, 82.4156,
106.1501

■ 31.9971, 16.1676,
96.0420

95.0500, 100.0000,
108.9000

■ 28.8902, 13.3405,
95.6600

■ 26.5080, 11.5803,
95.4458

■ 26.5076, 11.5801,
95.4458

Harmonies

Analogous

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



44.1850, 42.6990, 121.4742



54.0698, 42.6990, 99.9997



60.9344, 42.6990, 66.4500

Triad

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



54.0698, 42.6990, 99.9997



47.0582, 42.6990, 12.0342



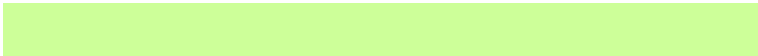
24.8421, 42.6990, 57.2511

Complementary

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



54.0698, 42.6990, 99.9997



66.6874, 86.7994, 43.3779

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.



25.3591, 42.6990, 30.9931



54.0698, 42.6990, 99.9997



37.1844, 42.6990, 11.2245

Square

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



54.0698, 42.6990, 99.9997



56.4602, 42.6990, 19.5442



29.5508, 42.6990, 16.5807



28.0037, 42.6990, 90.9982

Rectangle

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



54.0698, 42.6990, 99.9997



62.3092, 42.6990, 45.7648



29.5508, 42.6990, 16.5807



24.6061, 42.6990, 47.2267

Sweetspot

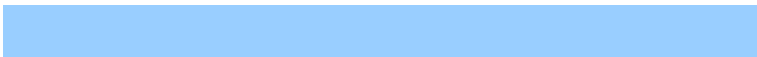
The Sweet Spot groups the original color and five complimentary colors.



54.0712, 42.7007, 99.9999



80.5451, 79.1670, 105.6433



53.1873, 57.9919, 102.9980



16.9273, 16.5015, 22.5429



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.



54.0712, 42.7007, 99.9999



48.2735, 35.1708, 98.8521



70.0592, 50.9428, 100.7482



17.8509, 17.8149, 22.7477



14.0221, 6.1391, 49.8805



1.4910, 0.6625, 4.8626

Inverse Universe

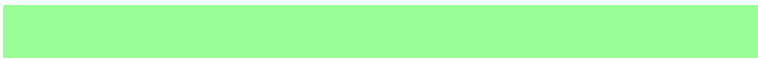
The Inverse Universe completely reimagines the original color for something new.



63.6515, 48.4517, 63.7559



59.4231, 41.8658, 56.5784



54.9709, 80.7594, 42.8296



18.3959, 18.1417, 20.7018



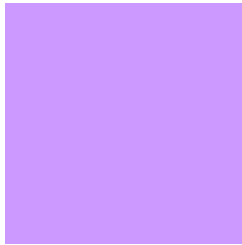
23.7298, 11.9812, 12.4936



2.3657, 1.1886, 1.5071

Previews

White Background



This preview shows how the XYZ color 54.0698, 42.6990, 99.9997 looks on a white background.

Color Contrast Check

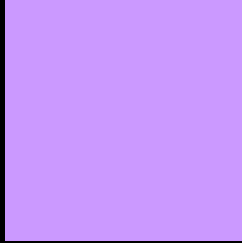
Large Text (above 18pt) WCAG AA × Fail

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 54.0698, 42.6990, 99.9997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

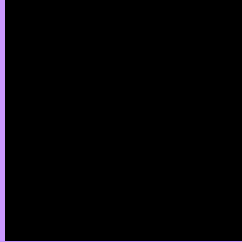
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0698, 42.6990, 99.9997

Background



This preview shows how black text looks on a background with the XYZ color 54.0698, 42.6990, 99.9997.



This preview shows how white text looks on a background with the XYZ color 54.0698, 42.6990,

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

54.0698, 42.6990, 99.9997

Protanopia

44.8351, 42.9281, 100.5306

Deuteranopia

44.0332, 42.8719, 97.2211



Tritanopia

44.1173, 42.8297, 50.1977

Trichromacy



Original Color

54.0698, 42.6990, 99.9997

Protanomaly

47.4415, 42.3458, 100.2809

Deuteranomaly

46.9328, 42.4077, 97.8073

Tritanomaly

47.1115, 42.3999, 66.0226

Monochromacy



Original Color

54.0698, 42.6990, 99.9997

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.3762, 43.9458, 65.0696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0698, 42.6990, 99.9997 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, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.0698, 42.6990, 99.9997 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, 153, 255) }
```


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

```
.border{ border-color:rgb(203, 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(203, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0698, 42.6990, 99.9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 153, 255) }
```

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

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