

Converting Colors

XYZ(54.0042, 46.6530, 94.6213)

Have a look what the booklet for
XYZ(54.0042, 46.6530, 94.6213)
contains.

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Color

**XYZ(53.9719, 46.6529,
94.9672)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A8F8
RGB	197, 168, 248
RGB Percent	77%, 66%, 97%
CMY	0.2274, 0.3412, 0.0274
CMYK	0.21, 0.32, 0.00, 0.03
HSL	262°, 85%, 82%
HSV	262°, 32%, 97%
XYZ	53.9719, 46.6529, 94.9672
YIQ	185.7910, -8.3960, 31.0280

Conversions

Conversions Part 2

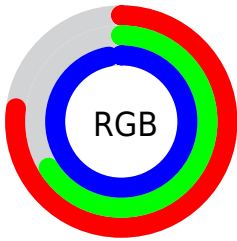
Format	Color
RYB	197, 168, 248
Decimal	12953848
CIELab	73.97, 26.25, -35.97
CIELCh	74, 44.534, 306.123
Yxy	46.6529, 0.2759, 0.2385
Android (android.graphics.Color)	4291143928 (0xFFC5A8F8)
YUV	185.7910, 30.6690, 9.8303
Hunter-Lab	68.3029, 21.5178, -34.6237

Details

The XYZ color **53.9719, 46.6529, 94.9672** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.8500, 85.0231, 49.7773**, and the grayscale version is **46.3939, 48.8099, 53.1540**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **26.8047, 22.0032, 52.1245** is the 20% darker color. If you saturate the color by 10%, you get **45.8978, 36.3306, 93.4011**, and if you desaturate by 10%, it is **63.3564, 58.9489, 96.8467**.

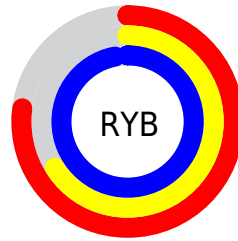
Distribution



Red (77%)

Green (66%)

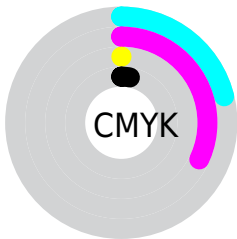
Blue (97%)



Red (77%)

Yellow (66%)

Blue (97%)

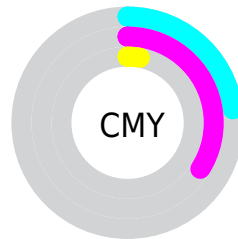


Cyan (21%)

Magenta (32%)

Yellow (0%)

Black (3%)



Cyan (23%)


Magenta (34%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9719, 46.6529, 94.9672 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 53.9719, 46.6529, 94.9672 by changing the saturation by 10% instead.


 53.9719, 46.6529,
94.9672


 53.9719, 46.6529,
94.9672


392.2029,
373.4273, 565.0416

 38.8098, 32.7613,
71.5109


 95.1901, 85.1953,
156.2145

 26.7918, 21.9437,
52.2749

 121.9769,
110.6149, 194.8426

 17.5527, 13.8155,
36.8405

153.3693,
140.6460, 239.3650

 10.7271, 7.9925,
24.7892

189.7327,
175.6729, 290.2004

 5.9496, 4.0901,
15.7025

231.4324,
216.0802, 347.7672

 2.8548, 1.7241,
9.1618

278.8338,

 1.0775, 0.4392,

262.2520, 412.4840

4.7486

332.3022,
314.5730, 484.7693

■ 0.0061, 0.0000,
2.0444

■ 0.0000, 0.0000,
0.5824

■ 53.9719, 46.6529,
94.9672

■ 53.9719, 46.6529,
94.9672

■ 45.8978, 36.3306,
93.4011

■ 63.3564, 58.9489,
96.8467

■ 39.0663, 27.8700,
92.1281

■ 74.1052, 73.3111,
99.0524

■ 33.4102, 21.1560,
91.1303

■ 86.2747, 89.8332,
101.6001

■ 28.8532, 16.0583,
90.3865

■ 93.9434, 99.5574,
103.0728

■ 25.3090, 12.4272,
89.8725

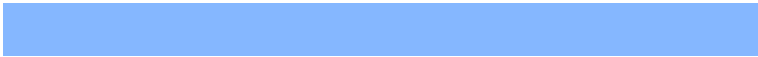
■ 22.6754, 10.0831,
89.5588

■ 21.1502, 8.9460,
89.4197

Harmonies

Analogous

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



45.9919, 46.6529, 107.8998



53.9719, 46.6529, 94.9672



59.8301, 46.6529, 70.6442

Triad

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



53.9719, 46.6529, 94.9672



50.8177, 46.6529, 20.3735



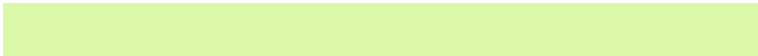
30.8208, 46.6529, 55.6086

Complementary

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



53.9719, 46.6529, 94.9672



69.8500, 85.0231, 49.7773

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.



31.7882, 46.6529, 35.0659



53.9719, 46.6529, 94.9672



42.7324, 46.6529, 18.5313

Square

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



53.9719, 46.6529, 94.9672



57.8622, 46.6529, 29.1233



35.9319, 46.6529, 23.0186



33.1115, 46.6529, 81.2021

Rectangle

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



53.9719, 46.6529, 94.9672



61.3974, 46.6529, 53.8128



35.9319, 46.6529, 23.0186



30.7798, 46.6529, 47.8962

Sweetspot

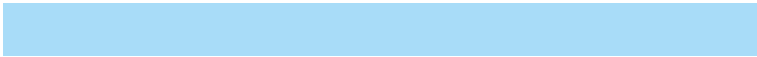
The Sweet Spot groups the original color and five complimentary colors.



53.9735, 46.6548, 94.9683



81.7180, 81.8419, 106.0978



58.6864, 66.2901, 98.5099



17.1165, 17.0117, 22.6314



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.



53.9735, 46.6548, 94.9683



51.5003, 42.0006, 100.0003



65.5393, 52.6172, 95.5095



16.8770, 16.9492, 21.7673



11.5649, 4.9046, 48.3107



1.1827, 0.5118, 4.4796

Inverse Universe

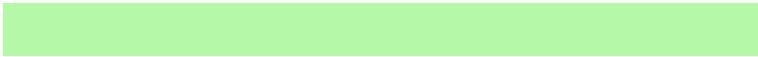
The Inverse Universe completely reimagines the original color for something new.



65.5015, 53.0779, 73.8120



65.8326, 49.9980, 73.1637



59.4591, 79.6664, 49.2910



17.7104, 17.4115, 20.3307



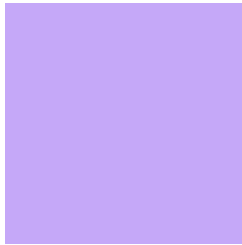
24.3201, 12.1438, 18.9259



2.3033, 1.1450, 2.0204

Previews

White Background



This preview shows how the XYZ color 53.9719, 46.6529, 94.9672 looks on a white background.

Color Contrast Check

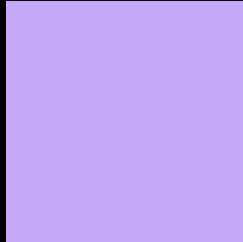
Large Text (above 18pt) WCAG AA × Fail

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 53.9719, 46.6529, 94.9672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

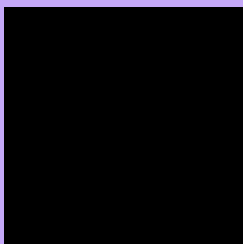
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9719, 46.6529, 94.9672

Background



This preview shows how black text looks on a background with the XYZ color 53.9719, 46.6529, 94.9672.



This preview shows how white text looks on a background with the XYZ color 53.9719, 46.6529,

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

53.9719, 46.6529, 94.9672

Protanopia

48.4682, 46.8311, 101.0925

Deuteranopia

48.0645, 46.7865, 93.6862



Tritanopia

46.2393, 46.6553, 57.0204

Trichromacy



Original Color

53.9719, 46.6529, 94.9672

Protanomaly

50.1342, 46.5725, 98.4425

Deuteranomaly

50.0230, 46.6055, 94.3549

Tritanomaly

48.8261, 46.5404, 69.3606

Monochromacy



Original Color

53.9719, 46.6529, 94.9672

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.8639, 47.7908, 66.9707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9719, 46.6529, 94.9672 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(197, 168, 248)` looks like.

```
.text, #text, p{  
    color:rgb(197, 168, 248)  
}
```

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(197, 168, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 168, 248) }
```

Border

The CSS property to change the border of an element to XYZ 53.9719, 46.6529, 94.9672 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(197, 168, 248) }
```


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

```
.border{ border-color:rgb(197, 168, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 168, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 168, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 168, 248);  
box-shadow:4px 4px 4px 4px rgb(197, 168,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9719, 46.6529, 94.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 168, 248) }
```

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

```
.background{ background-color: rgb(197,  
168, 248) }
```

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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