

Converting Colors

XYZ(61.9115, 48.7174,
140.5449)

Have a look what the booklet for
XYZ(61.9115, 48.7174, 140.5449)
contains.

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Color

**XYZ(54.3514, 45.6412,
100.5528)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A4FF
RGB	197, 164, 255
RGB Percent	77%, 64%, 100%
CMY	0.2274, 0.3568, 0.0000
CMYK	0.23, 0.36, 0.00, 0.00
HSL	262°, 100%, 82%
HSV	262°, 36%, 100%
XYZ	54.3514, 45.6412, 100.5528
YIQ	184.2410, -9.5430, 35.2970

Conversions

Conversions Part 2

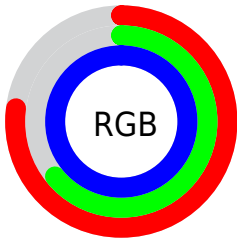
Format	Color
R_{YB}	197, 164, 255
Decimal	12952831
CIE _{Lab}	73.31, 30.05, -40.78
CIE _{LCh}	73, 50.651, 306.384
Yxy	45.6412, 0.2710, 0.2276
Android (android.graphics.Color)	4291142911 (0xFFC5A4FF)
YUV	184.2410, 34.8842, 11.1896
Hunter-Lab	67.5583, 25.3783, -40.9556

Details

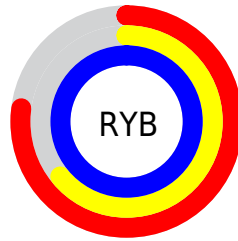
The XYZ color **54.3514, 45.6412, 100.5528** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **72.5856, 89.7302, 48.6177**, and the grayscale version is **45.5114, 47.8815, 52.1430**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **27.1425, 21.4163, 56.1293** is the 20% darker color. If you saturate the color by 10%, you get **46.2085, 35.3354, 98.9927**, and if you desaturate by 10%, it is **63.8709, 58.0167, 102.4397**.

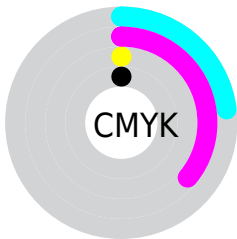
Distribution



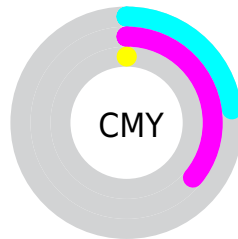
- Red (77%)
- Green (64%)
- Blue (100%)



- Red (77%)
- Yellow (64%)
- Blue (100%)



- Cyan (23%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3514, 45.6412, 100.5528 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 54.3514, 45.6412, 100.5528 by changing the saturation by 10% instead.


 54.3514, 45.6412,
100.5528


 54.3514, 45.6412,
100.5528


393.6251,
369.3643, 583.2254

 39.1145, 31.9628,
76.1428


 95.7439, 83.6818,
163.9751

 27.0299, 21.3331,
56.0423


 122.6301,
108.8127, 203.8246

 17.7324, 13.3677,
39.8326


154.1302,
138.5299, 249.6576

 10.8565, 7.6822,
27.0953

190.6094,
173.2178, 301.8928

 6.0370, 3.8923,
17.4117

232.4332,
213.2608, 360.9486

 2.9085, 1.6135,
10.3634

279.9668,

 1.1056, 0.3667,

259.0433, 427.2436

5.5318

333.5757,
310.9497, 501.1963

■ 0.0298, 0.0000,
2.4984

■ 0.0000, 0.0000,
0.8393

■ 54.3514, 45.6412,
100.5528

■ 54.3514, 45.6412,
100.5528

■ 46.2085, 35.3354,
98.9927

■ 63.8709, 58.0167,
102.4397

■ 39.3683, 26.9767,
97.7398

■ 74.8269, 72.5645,
104.6703

■ 33.7562, 20.4370,
96.7733

■ 87.2807, 89.3868,
107.2609

■ 29.2874, 15.5706,
96.0695

■ 95.0500, 100.0000,
108.9000

■ 25.8642, 12.2077,
95.6009

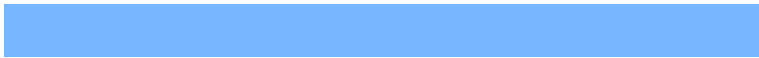
■ 23.3687, 10.1396,
95.3332

■ 22.5111, 9.5198,
95.2588

Harmonies

Analogous

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



45.3126, 45.6412, 116.0983



54.3514, 45.6412, 100.5528



61.0372, 45.6412, 72.0434

Triad

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



54.3514, 45.6412, 100.5528



50.6081, 45.6412, 16.9445



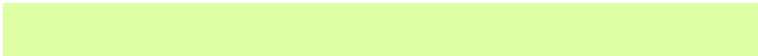
28.4917, 45.6412, 55.3502

Complementary

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



54.3514, 45.6412, 100.5528



72.5856, 89.7302, 48.6177

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.



29.5068, 45.6412, 32.5251



54.3514, 45.6412, 100.5528



41.5043, 45.6412, 15.1554

Square

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



54.3514, 45.6412, 100.5528



58.6775, 45.6412, 25.9124



33.9953, 45.6412, 19.7476



31.0040, 45.6412, 84.8309

Rectangle

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



54.3514, 45.6412, 100.5528



62.8119, 45.6412, 52.8529



33.9953, 45.6412, 19.7476



28.4372, 45.6412, 46.6664

Sweetspot

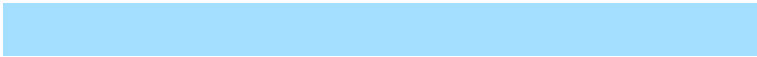
The Sweet Spot groups the original color and five complimentary colors.



54.3528, 45.6430, 100.5530



80.4713, 80.1564, 105.8382



59.7887, 67.9692, 104.5759



16.8672, 16.6754, 22.5796



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.



54.3528, 45.6430, 100.5530



48.2640, 37.9064, 99.3806



67.7215, 52.5348, 101.1787



17.6248, 17.6983, 22.7371



11.9111, 5.0509, 49.7817



1.2744, 0.5509, 4.8524

Inverse Universe

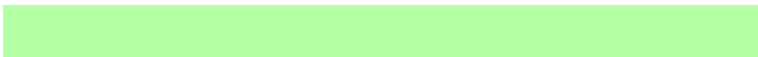
The Inverse Universe completely reimagines the original color for something new.



67.7011, 53.0862, 75.7863



63.7151, 46.5364, 70.0735



60.7418, 83.6245, 48.0634



18.4967, 18.1820, 21.2329



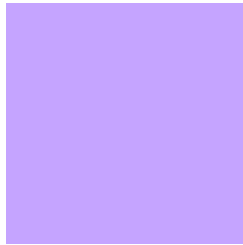
25.0551, 12.5113, 19.4725



2.4920, 1.2392, 2.1721

Previews

White Background



This preview shows how the XYZ color 54.3514, 45.6412, 100.5528 looks on a white background.

Color Contrast Check

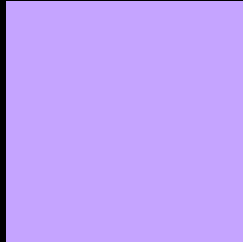
Large Text (above 18pt) WCAG AA × Fail

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 54.3514, 45.6412, 100.5528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

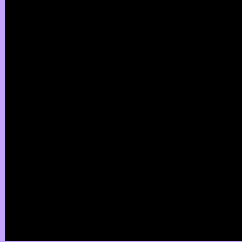
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3514, 45.6412, 100.5528

Background



This preview shows how black text looks on a background with the XYZ color 54.3514, 45.6412, 100.5528.



This preview shows how white text looks on a background with the XYZ color 54.3514, 45.6412,

100.5528.

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

54.3514, 45.6412, 100.5528

Protanopia

47.4880, 46.0294, 100.9894

Deuteranopia

47.0087, 45.8376, 98.4654



Tritanopia

45.1337, 45.5202, 55.6977

Trichromacy



Original Color

54.3514, 45.6412, 100.5528

Protanomaly

49.5711, 45.6532, 100.8070

Deuteranomaly

49.2508, 45.5250, 99.1199

Tritanomaly

47.8764, 45.1789, 69.8154

Monochromacy



Original Color

54.3514, 45.6412, 100.5528

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.3413, 46.9162, 67.4806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3514, 45.6412, 100.5528 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, 164, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 164, 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(197, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 164, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.3514, 45.6412, 100.5528 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, 164, 255) }
```


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

```
.border{ border-color:rgb(197, 164, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 164, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 164,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3514, 45.6412, 100.5528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 164, 255) }
```

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

```
.background{ background-color: rgb(197,  
164, 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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