

Converting Colors

XYZ(54.2716, 45.8678,
100.6007)

Have a look what the booklet for
XYZ(54.2716, 45.8678, 100.6007)
contains.

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Color

**XYZ(54.2701, 45.8660,
100.6004)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A5FF
RGB	196, 165, 255
RGB Percent	77%, 65%, 100%
CMY	0.2314, 0.3529, 0.0000
CMYK	0.23, 0.35, 0.00, 0.00
HSL	261°, 100%, 82%
HSV	261°, 35%, 100%
XYZ	54.2701, 45.8660, 100.6004
YIQ	184.5290, -10.4140, 34.5620

Conversions

Conversions Part 2

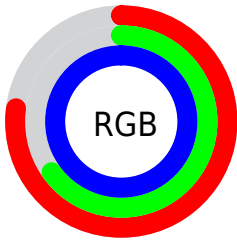
Format	Color
R_{YB}	196, 165, 255
Decimal	12887551
CIE _{Lab}	73.46, 29.21, -40.56
CIE _{LCh}	73, 49.979, 305.761
Yxy	45.8660, 0.2704, 0.2285
Android (android.graphics.Color)	4291077631 (0xFFC4A5FF)
YUV	184.5290, 34.7422, 10.0601
Hunter-Lab	67.7244, 24.5209, -40.6645

Details

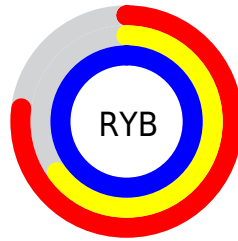
The XYZ color **54.2701, 45.8660, 100.6004** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **73.2925, 90.0841, 49.1241**, and the grayscale version is **45.6716, 48.0501, 52.3265**.

A 20% lighter version of the original color is **84.5163, 79.4772, 105.4939**, and **27.0827, 21.5502, 56.1583** is the 20% darker color. If you saturate the color by 10%, you get **46.0125, 35.4493, 99.0250**, and if you desaturate by 10%, it is **63.9320, 58.3697, 102.5046**.

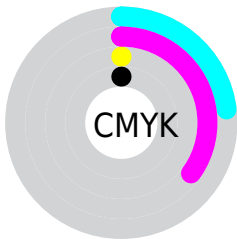
Distribution



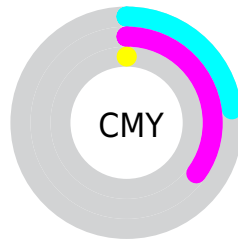
- Red (77%)
- Green (65%)
- Blue (100%)



- Red (77%)
- Yellow (65%)
- Blue (100%)



- Cyan (23%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2701, 45.8660, 100.6004 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 54.2701, 45.8660, 100.6004 by changing the saturation by 10% instead.


 54.2701, 45.8660,
100.6004

 54.2701, 45.8660,
100.6004


393.3207,
370.2697, 583.3790

 39.0492, 32.1401,
76.1824

 95.6253, 84.0184,
164.0411

 26.9789, 21.4685,
56.0745


 122.4903,
109.2137, 203.9008

 17.6939, 13.4669,
39.8583


153.9673,
139.0009, 249.7449

 10.8288, 7.7508,
27.1151

190.4217,
173.7645, 301.9918

 6.0183, 3.9359,
17.4265

232.2189,
213.8887, 361.0602

 2.8970, 1.6378,
10.3739

279.7243,

 1.0995, 0.3829,

259.7581, 427.3685

5.5387

333.3031,
311.7569, 501.3352

■ 0.0247, 0.0000,
2.5025

■ 0.0000, 0.0000,
0.8415

■ 54.2701, 45.8660,
100.6004

■ 54.2701, 45.8660,
100.6004

■ 46.0125, 35.4493,
99.0250

■ 63.9320, 58.3697,
102.5046

■ 39.0841, 26.9967,
97.7587

■ 75.0592, 73.0634,
104.7543

■ 33.4093, 20.3800,
96.7806

■ 87.7142, 90.0496,
107.3660

■ 28.9018, 15.4533,
96.0672

95.0500, 100.0000,
108.9000

■ 25.4631, 12.0471,
95.5910

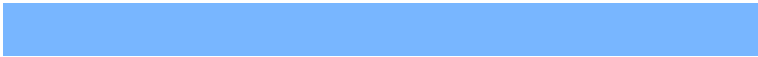
■ 22.9743, 9.9538,
95.3181

■ 22.0589, 9.2867,
95.2376

Harmonies

Analogous

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



45.3182, 45.8660, 115.4881



54.2701, 45.8660, 100.6004



60.9499, 45.8660, 72.6396

Triad

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



54.2701, 45.8660, 100.6004



50.9303, 45.8660, 17.4643



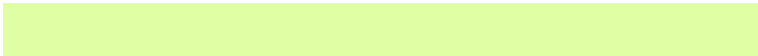
28.8101, 45.8660, 54.9740

Complementary

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



54.2701, 45.8660, 100.6004



73.2925, 90.0841, 49.1241

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.



29.8922, 45.8660, 32.5436



54.2701, 45.8660, 100.6004



41.9146, 45.8660, 15.5373

Square

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



54.2701, 45.8660, 100.6004



58.8469, 45.8660, 26.6023



34.4192, 45.8660, 19.9967



31.2350, 45.8660, 84.0236

Rectangle

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



54.2701, 45.8660, 100.6004



62.7784, 45.8660, 53.6150



34.4192, 45.8660, 19.9967



28.7803, 45.8660, 46.4374

Sweetspot

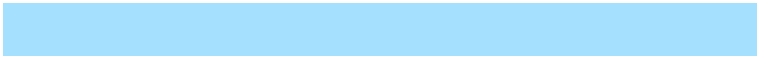
The Sweet Spot groups the original color and five complimentary colors.



54.2716, 45.8678, 100.6007



80.3010, 80.0686, 105.8302



60.4934, 69.0708, 104.7514



16.8268, 16.6545, 22.5777



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.



54.2716, 45.8678, 100.6007



48.5814, 38.6567, 99.5087



67.4412, 52.6570, 101.2170



17.5929, 17.6819, 22.7356



11.6700, 4.9266, 49.7704



1.2483, 0.5374, 4.8512

Inverse Universe

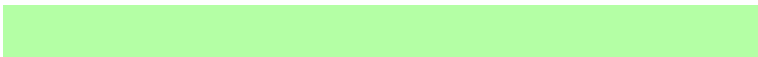
The Inverse Universe completely reimagines the original color for something new.



68.1504, 53.5534, 77.2663



64.4834, 47.4761, 72.1697



61.3750, 83.9404, 48.5664



18.5113, 18.1878, 21.3094



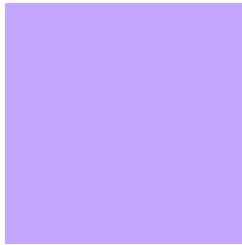
25.2744, 12.5990, 20.6271



2.5123, 1.2473, 2.2793

Previews

White Background



This preview shows how the XYZ color 54.2701, 45.8660, 100.6004 looks on a white background.

Color Contrast Check

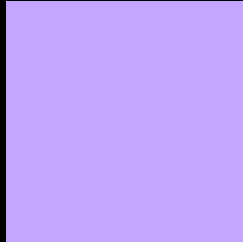
Large Text (above 18pt) WCAG AA × Fail

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 54.2701, 45.8660, 100.6004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

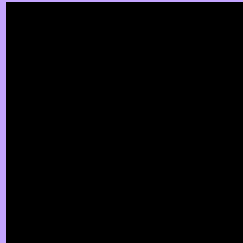
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2701, 45.8660, 100.6004

Background



This preview shows how black text looks on a background with the XYZ color 54.2701, 45.8660, 100.6004.



This preview shows how white text looks on a background with the XYZ color 54.2701, 45.8660,

100.6004.

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

54.2701, 45.8660, 100.6004

Protanopia

47.6807, 46.1287, 100.9984

Deuteranopia

47.2014, 45.9370, 98.4744



Tritanopia

45.4424, 45.9608, 56.3454

Trichromacy



Original Color

54.2701, 45.8660, 100.6004

Protanomaly

49.7882, 45.7651, 100.8172

Deuteranomaly

49.4678, 45.6369, 99.1301

Tritanomaly

48.1956, 45.6123, 70.5538

Monochromacy



Original Color

54.2701, 45.8660, 100.6004

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.5395, 47.3127, 67.5467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2701, 45.8660, 100.6004 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(196, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 165, 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(196, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 165, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.2701, 45.8660, 100.6004 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(196, 165, 255) }
```


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

```
.border{ border-color:rgb(196, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 165,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2701, 45.8660, 100.6004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 165, 255) }
```

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

```
.background{ background-color: rgb(196,  
165, 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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