

Converting Colors

XYZ(45.0724, 35.1275, 99.0124)

Have a look what the booklet for
XYZ(45.0724, 35.1275, 99.0124)
contains.

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Color

**XYZ(45.1073, 35.0901,
99.0034)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8CFF
RGB	175, 140, 255
RGB Percent	69%, 55%, 100%
CMY	0.3137, 0.4510, 0.0000
CMYK	0.31, 0.45, 0.00, 0.00
HSL	258°, 100%, 77%
HSV	258°, 45%, 100%
XYZ	45.1073, 35.0901, 99.0034
YIQ	163.5750, -16.0550, 43.1850

Conversions

Conversions Part 2

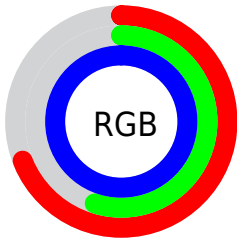
Format	Color
R_{YB}	175, 140, 255
Decimal	11504895
CIE _{Lab}	65.82, 37.34, -52.69
CIE _{LCh}	66, 64.581, 305.324
Yxy	35.0901, 0.2517, 0.1958
Android (android.graphics.Color)	4289694975 (0xFFAF8CFF)
YUV	163.5750, 45.0725, 10.0197
Hunter-Lab	59.2369, 32.2584, -57.6263

Details

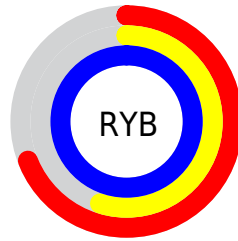
The XYZ color **45.1073, 35.0901, 99.0034** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **70.0087, 88.6290, 38.2293**, and the grayscale version is **34.8845, 36.7012, 39.9676**.

A 20% lighter version of the original color is **70.9461, 63.1272, 103.0532**, and **21.3732, 15.1439, 55.2227** is the 20% darker color. If you saturate the color by 10%, you get **38.0806, 26.5632, 97.7279**, and if you desaturate by 10%, it is **53.5227, 45.6156, 100.5915**.

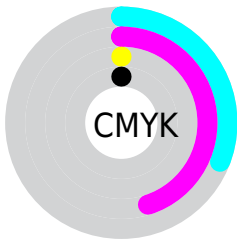
Distribution



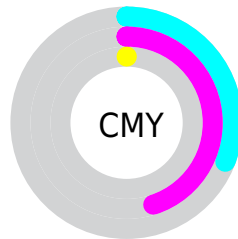
- Red (69%)
- Green (55%)
- Blue (100%)



- Red (69%)
- Yellow (55%)
- Blue (100%)



- Cyan (31%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1073, 35.0901, 99.0034 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 45.1073, 35.0901, 99.0034 by changing the saturation by 10% instead.


 45.1073, 35.0901,
99.0034


 45.1073, 35.0901,
99.0034

357.9843,
324.9658, 578.2121


 31.7436, 23.7323,
74.8563


 82.1175, 67.6253,
161.8269

 21.3203, 15.1352,
54.9941


 106.4947, 89.5715,
201.3403

 13.4721, 8.9143,
38.9984

 135.2737,
115.8160, 246.8128

 7.8337, 4.6853,
26.4507


168.8200,
146.7431, 298.6631

 4.0396, 2.0638,
16.9323

207.4988,
182.7372, 357.3096

 1.7246, 0.6442,
10.0248

251.6756,

 0.4716, 0.0000,

224.1828, 423.1709

5.3096

301.7156,
271.4642, 496.6656

■ 0.0000, 0.0000,
2.3681

■ 0.0000, 0.0000,
0.7690

■ 45.1073, 35.0901,
99.0034

■ 45.1073, 35.0901,
99.0034

■ 38.0806, 26.5632,
97.7279

■ 53.5227, 45.6156,
100.5915

■ 32.3582, 19.8996,
96.7433

■ 63.3970, 58.2552,
102.5107

■ 27.8515, 14.9530,
96.0260

■ 74.7996, 73.1197,
104.7789

■ 24.4578, 11.5524,
95.5485

■ 87.7945, 90.3112,
107.4123

■ 22.0540, 9.4885,
95.2768

95.0500, 100.0000,
108.9000

■ 21.1603, 8.8234,
95.1956

Harmonies

Analogous

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



35.0811, 35.0901, 117.8894



45.1073, 35.0901, 99.0034



52.9254, 35.0901, 64.5685

Triad

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



45.1073, 35.0901, 99.0034



41.6012, 35.0901, 7.6101



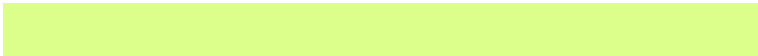
18.2329, 35.0901, 43.2856

Complementary

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



45.1073, 35.0901, 99.0034



70.0087, 88.6290, 38.2293

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.



19.3196, 35.0901, 20.2201



45.1073, 35.0901, 99.0034



31.6808, 35.0901, 6.1568

Square

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



45.1073, 35.0901, 99.0034



50.6461, 35.0901, 15.1893



23.8402, 35.0901, 9.3943



20.5252, 35.0901, 77.2871

Rectangle

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



45.1073, 35.0901, 99.0034



55.1492, 35.0901, 42.6468



23.8402, 35.0901, 9.3943



18.2208, 35.0901, 34.0869

Sweetspot

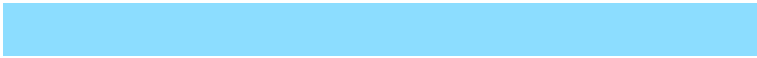
The Sweet Spot groups the original color and five complimentary colors.



45.1085, 35.0914, 99.0036



76.1462, 74.8902, 105.0496



54.5905, 64.2454, 104.1311



15.7354, 15.2899, 22.3719



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.



45.1085, 35.0914, 99.0036



38.7863, 27.4051, 97.8532



60.7074, 43.1329, 99.7336



17.5229, 17.6458, 22.7324



11.1887, 4.6784, 49.7479



1.1948, 0.5099, 4.8487

Inverse Universe

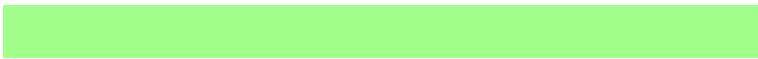
The Inverse Universe completely reimagines the original color for something new.



63.5366, 45.1842, 73.0821



59.6579, 38.8612, 67.3667



55.5985, 81.2003, 37.5549



18.5434, 18.2007, 21.4786



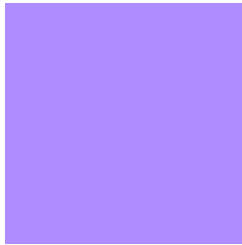
25.7852, 12.8034, 23.3172



2.5593, 1.2661, 2.5267

Previews

White Background



This preview shows how the XYZ color 45.1073, 35.0901, 99.0034 looks on a white background.

Color Contrast Check

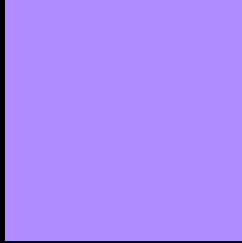
Large Text (above 18pt) WCAG AA × Fail

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 45.1073, 35.0901, 99.0034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

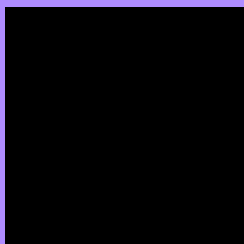
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1073, 35.0901, 99.0034

Background



This preview shows how black text looks on a background with the XYZ color 45.1073, 35.0901, 99.0034.



This preview shows how white text looks on a background with the XYZ color 45.1073, 35.0901,

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

45.1073, 35.0901, 99.0034

Protanopia

38.1330, 35.4715, 99.4446

Deuteranopia

36.5389, 35.4862, 96.1905



Tritanopia

33.9451, 35.0439, 44.0048

Trichromacy



Original Color

45.1073, 35.0901, 99.0034

Protanomaly

40.1011, 35.0159, 99.2529

Deuteranomaly

38.7934, 34.8791, 96.7832

Tritanomaly

37.1987, 34.6133, 60.5976

Monochromacy



Original Color

45.1073, 35.0901, 99.0034

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.9478, 35.7987, 57.7331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1073, 35.0901, 99.0034 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(175, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 140, 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(175, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 140, 255) }
```

Border

The CSS property to change the border of an element to XYZ 45.1073, 35.0901, 99.0034 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(175, 140, 255) }
```


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

```
.border{ border-color:rgb(175, 140, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 140, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 140, 255); box-shadow:4px 4px 4px 4px rgb(175, 140, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1073, 35.0901, 99.0034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 140, 255) }
```

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

```
.background{ background-color: rgb(175,  
140, 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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