

Converting Colors

XYZ(45.6958, 26.7530, 98.5226)

Have a look what the booklet for
XYZ(45.6958, 26.7530, 98.5226)
contains.

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Color

**XYZ(45.4418, 26.6441,
97.3555)**

Conversions

Conversions Part 1

Format	Color
Hex	C859FF
RGB	200, 89, 255
RGB Percent	78%, 35%, 100%
CMY	0.2157, 0.6510, 0.0000
CMYK	0.22, 0.65, 0.00, 0.00
HSL	280°, 100%, 67%
HSV	280°, 65%, 100%
XYZ	45.4418, 26.6441, 97.3555
YIQ	141.1130, 12.8700, 75.1580

Conversions

Conversions Part 2

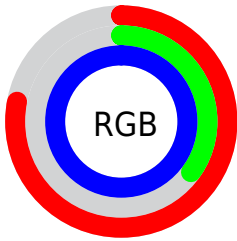
Format	Color
R _Y B	200, 89, 255
Decimal	13130239
CIE Lab	58.64, 69.23, -63.98
CIE LCh	59, 94.268, 317.256
Yxy	26.6441, 0.2682, 0.1572
Android (android.graphics.Color)	4291320319 (0xFFC859FF)
YUV	141.1130, 56.1463, 51.6439
Hunter-Lab	51.6179, 66.8110, -75.6931

Details

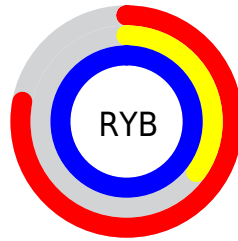
The XYZ color **45.4418, 26.6441, 97.3555** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **49.0650, 78.1707, 21.9544**, and the grayscale version is **25.1461, 26.4557, 28.8103**.

A 20% lighter version of the original color is **69.4154, 48.7308, 100.3551**, and **21.4102, 10.3892, 53.7002** is the 20% darker color. If you saturate the color by 10%, you get **41.4811, 21.9794, 96.6639**, and if you desaturate by 10%, it is **50.2638, 32.8440, 98.2981**.

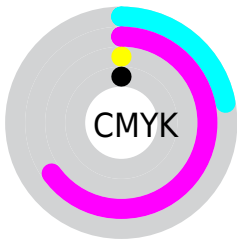
Distribution



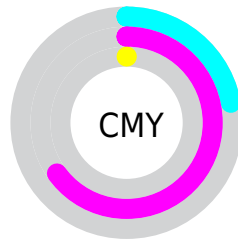
- Red (78%)
- Green (35%)
- Blue (100%)



- Red (78%)
- Yellow (35%)
- Blue (100%)



- Cyan (22%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4418, 26.6441, 97.3555 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 45.4418, 26.6441, 97.3555 by changing the saturation by 10% instead.


 45.4418, 26.6441,
97.3555

 45.4418, 26.6441,
97.3555

359.3136,
285.9298, 572.8545

 32.0083, 17.3061,
73.4893


 82.6160, 54.3122,
159.5383

 21.5234, 10.4530,
53.8819


 107.0874, 73.4112,
198.6920

 13.6218, 5.7003,
38.1147


 135.9688, 96.5325,
243.7786

 7.9380, 2.6637,
25.7692

 169.6256,
124.0607, 295.2167

 4.1068, 0.9588,
16.4269

208.4231,
156.3802, 353.4248

 1.7627, 0.0000,
9.6691

252.7267,

 0.4951, 0.0000,

193.8752, 418.8214

5.0774

302.9018,
236.9303, 491.8252

■ 0.0000, 0.0000,
2.2332

■ 0.0000, 0.0000,
0.6934

■ 45.4418, 26.6441,
97.3555

■ 45.4418, 26.6441,
97.3555

■ 41.4811, 21.9794,
96.6639

■ 50.2638, 32.8440,
98.2981

■ 38.2969, 18.6867,
96.1962

■ 56.0141, 40.7136,
99.5140

■ 35.7900, 16.5697,
95.9197

■ 62.7562, 50.3759,
101.0236

■ 34.7391, 15.8235,
95.8310

■ 70.5467, 61.9412,
102.8454

79.4374, 75.5109,
104.9960

89.4767, 91.1788,
107.4911

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



32.5183, 26.6441, 142.4089



45.4418, 26.6441, 97.3555



53.8316, 26.6441, 45.4682

Triad

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



45.4418, 26.6441, 97.3555



30.5589, 26.6441, 0.6407



9.4599, 26.6441, 52.3291

Complementary

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



45.4418, 26.6441, 97.3555



49.0650, 78.1707, 21.9544

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.



9.2266, 26.6441, 17.0980



45.4418, 26.6441, 97.3555



19.2784, 26.6441, 0.7750

Square

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



45.4418, 26.6441, 97.3555



43.6362, 26.6441, 2.8620



12.2422, 26.6441, 3.6886



13.0215, 26.6441, 105.5301

Rectangle

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



45.4418, 26.6441, 97.3555



54.4457, 26.6441, 21.6807



12.2422, 26.6441, 3.6886



9.0391, 26.6441, 37.8310

Sweetspot

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



45.4429, 26.6451, 97.3557



74.9373, 68.6007, 103.8994



32.1943, 29.3924, 98.5842



15.5137, 13.8833, 22.1120



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.



45.4429, 26.6451, 97.3557



40.4805, 20.8899, 96.5063



58.7239, 33.9699, 76.3767



18.1736, 17.9812, 22.7628



18.3165, 8.3530, 50.0815



1.8991, 0.8729, 4.8817

Inverse Universe

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



49.8468, 30.4190, 29.6300



46.1718, 25.5032, 20.9009



43.0717, 74.9206, 28.9190



18.2575, 18.0863, 19.9734



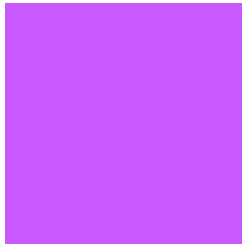
22.4562, 11.4718, 5.7868



2.2346, 1.1362, 0.8169

Previews

White Background



This preview shows how the XYZ color 45.4418, 26.6441, 97.3555 looks on a white background.

Color Contrast Check

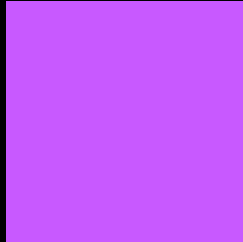
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.4418, 26.6441, 97.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

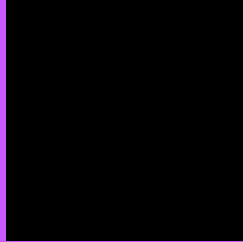
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.4418, 26.6441, 97.3555

Background



This preview shows how black text looks on a background with the XYZ color 45.4418, 26.6441, 97.3555.



This preview shows how white text looks on a background with the XYZ color 45.4418, 26.6441,

97.3555.

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

45.4418, 26.6441, 97.3555

Protanopia

30.4753, 26.9052, 98.1947

Deuteranopia

28.0488, 27.1370, 90.1458



Tritanopia

30.8901, 26.4947, 26.4076

Trichromacy



Original Color

45.4418, 26.6441, 97.3555



Protanomaly

33.2239, 25.0129, 97.6846



Deuteranomaly

30.6122, 24.3205, 92.7034



Tritanomaly

34.7808, 25.7563, 45.7861

Monochromacy



Original Color

45.4418, 26.6441, 97.3555



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

30.3033, 24.9778, 47.4800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4418, 26.6441, 97.3555 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(200, 89, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 89, 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(200, 89, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 89, 255) }
```

Border

The CSS property to change the border of an element to XYZ 45.4418, 26.6441, 97.3555 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(200, 89, 255) }
```


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

```
.border{ border-color:rgb(200, 89, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 89, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 89, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 89, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 89,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4418, 26.6441, 97.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 89, 255) }
```

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

```
.background{ background-color: rgb(200, 89,  
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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