

Converting Colors

XYZ(42.5640, 26.5444, 97.4880)

Have a look what the booklet for
XYZ(42.5640, 26.5444, 97.4880)
contains.

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Color

**XYZ(42.5194, 26.4580,
97.4736)**

Conversions

Conversions Part 1

Format	Color
Hex	B963FF
RGB	185, 99, 255
RGB Percent	73%, 39%, 100%
CMY	0.2745, 0.6118, 0.0000
CMYK	0.27, 0.61, 0.00, 0.00
HSL	273°, 100%, 69%
HSV	273°, 61%, 100%
XYZ	42.5194, 26.4580, 97.4736
YIQ	142.4980, 1.1800, 66.7480

Conversions

Conversions Part 2

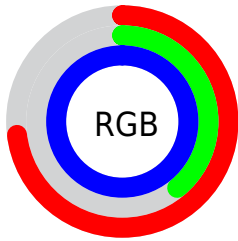
Format	Color
R_{YB}	185, 99, 255
Decimal	12149759
CIE _{Lab}	58.47, 61.41, -64.36
CIE _{LCh}	58, 88.959, 313.658
Yxy	26.4580, 0.2554, 0.1590
Android (android.graphics.Color)	4290339839 (0xFFB963FF)
YUV	142.4980, 55.4635, 37.2743
Hunter-Lab	51.4373, 57.5372, -76.3482

Details

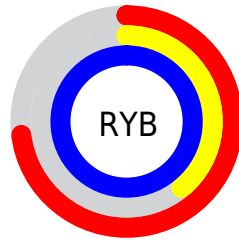
The XYZ color **42.5194, 26.4580, 97.4736** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **54.3745, 80.8559, 24.5461**, and the grayscale version is **25.6961, 27.0343, 29.4404**.

A 20% lighter version of the original color is **67.2618, 49.7437, 100.6641**, and **19.7311, 10.3446, 53.7801** is the 20% darker color. If you saturate the color by 10%, you get **37.8237, 20.9998, 96.6676**, and if you desaturate by 10%, it is **48.2018, 33.5573, 98.5444**.

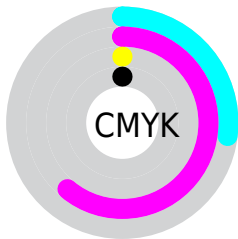
Distribution



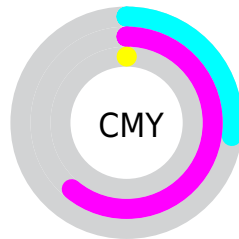
- Red (73%)
- Green (39%)
- Blue (100%)



- Red (73%)
- Yellow (39%)
- Blue (100%)



- Cyan (27%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5194, 26.4580, 97.4736 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 42.5194, 26.4580, 97.4736 by changing the saturation by 10% instead.


 42.5194, 26.4580,
97.4736

 42.5194, 26.4580,
97.4736


347.5867,
285.0232, 573.2394

 29.7011, 17.1666,
73.5872


 78.2454, 54.0129,
159.7024


 19.7588, 10.3533,
53.9615


 101.8837, 73.0452,
198.8820

 12.3271, 5.6339,
38.1779


 129.8595, 96.0932,
243.9964

 7.0406, 2.6237,
25.8179

 162.5380,
123.5413, 295.4641

 3.5341, 0.9386,
16.4629

200.2846,
155.7740, 353.7037

 1.4421, 0.0000,
9.6944

243.4647,

 0.2859, 0.0000,

193.1756, 419.1338

5.0939

292.4436,
236.1305, 492.1728

■ 0.0000, 0.0000,
2.2428

■ 0.0000, 0.0000,
0.6989

■ 42.5194, 26.4580,
97.4736

■ 42.5194, 26.4580,
97.4736

■ 37.8237, 20.9998,
96.6676

■ 48.2018, 33.5573,
98.5444

■ 34.0316, 17.0280,
96.1008

■ 54.9376, 42.4273,
99.9015

■ 31.0492, 14.3617,
95.7433

■ 62.7907, 53.1874,
101.5645

■ 28.9632, 12.8459,
95.5607

■ 71.8186, 65.9457,
103.5513

■ 82.0746, 80.8018,
105.8782

■ 93.6084, 97.8487,
108.5607

■ 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.



30.4147, 26.4580, 134.9615



42.5194, 26.4580, 97.4736



51.0200, 26.4580, 49.1547

Triad

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



42.5194, 26.4580, 97.4736



31.5012, 26.4580, 1.0844



9.8108, 26.4580, 45.3868

Complementary

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



42.5194, 26.4580, 97.4736



54.3745, 80.8559, 24.5461

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.



9.9467, 26.4580, 15.0310



42.5194, 26.4580, 97.4736



20.5266, 26.4580, 1.0049

Square

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



42.5194, 26.4580, 97.4736



43.5098, 26.4580, 4.0902



13.2989, 26.4580, 3.5738



12.8512, 26.4580, 93.0717

Rectangle

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



42.5194, 26.4580, 97.4736



52.3163, 26.4580, 25.1543



13.2989, 26.4580, 3.5738



9.5208, 26.4580, 32.8000

Sweetspot

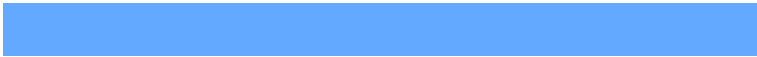
The Sweet Spot groups the original color and five complimentary colors.



42.5205, 26.4590, 97.4738



74.9396, 70.4310, 104.2525



37.4215, 38.3239, 100.0327



15.4269, 14.1936, 22.1765



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.



42.5205, 26.4590, 97.4738



37.0667, 20.1690, 96.5471



62.5216, 36.9120, 91.9872



17.9605, 17.8714, 22.7528



15.3084, 6.8023, 49.9407



1.6164, 0.7272, 4.8684

Inverse Universe

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



52.8636, 33.0489, 41.1290



49.0573, 27.7772, 32.6438



43.5494, 75.2302, 26.0812



18.3481, 18.1226, 20.4505



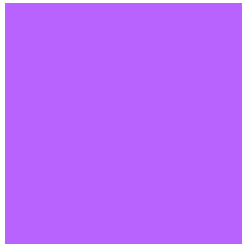
23.2211, 11.7777, 9.8146



2.3150, 1.1684, 1.2405

Previews

White Background



This preview shows how the XYZ color 42.5194, 26.4580, 97.4736 looks on a white background.

Color Contrast Check

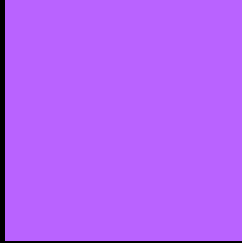
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5194, 26.4580, 97.4736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

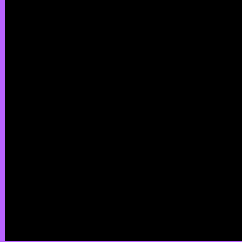
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.5194, 26.4580, 97.4736

Background



This preview shows how black text looks on a background with the XYZ color 42.5194, 26.4580, 97.4736.



This preview shows how white text looks on a background with the XYZ color 42.5194, 26.4580,

97.4736.

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

42.5194, 26.4580, 97.4736

Protanopia

30.3890, 26.8607, 98.1907

Deuteranopia

27.7237, 26.7299, 90.8870



Tritanopia

28.5158, 26.1849, 29.1424

Trichromacy



Original Color

42.5194, 26.4580, 97.4736



Protanomaly

32.7407, 25.3079, 97.7670



Deuteranomaly

29.8153, 24.4706, 92.7744



Tritanomaly

32.1573, 25.3832, 48.0043

Monochromacy



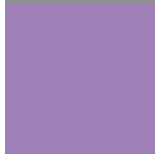
Original Color

42.5194, 26.4580, 97.4736



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

30.3417, 25.9085, 48.7491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5194, 26.4580, 97.4736 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(185, 99, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 99, 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(185, 99, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 99, 255) }
```

Border

The CSS property to change the border of an element to XYZ 42.5194, 26.4580, 97.4736 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(185, 99, 255) }
```


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

```
.border{ border-color:rgb(185, 99, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 99, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 99, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 99, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 99,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5194, 26.4580, 97.4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 99, 255) }
```

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

```
.background{ background-color: rgb(185, 99,  
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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