

Converting Colors

XYZ(42.6516, 26.2781, 97.4319)

Have a look what the booklet for
XYZ(42.6516, 26.2781, 97.4319)
contains.

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Color

**XYZ(42.5744, 26.2085,
97.4226)**

Conversions

Conversions Part 1

Format	Color
Hex	BA61FF
RGB	186, 97, 255
RGB Percent	73%, 38%, 100%
CMY	0.2706, 0.6196, 0.0000
CMYK	0.27, 0.62, 0.00, 0.00
HSL	274°, 100%, 69%
HSV	274°, 62%, 100%
XYZ	42.5744, 26.2085, 97.4226
YIQ	141.6230, 2.3260, 68.0060

Conversions

Conversions Part 2

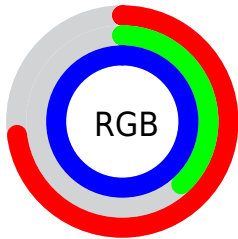
Format	Color
R_{YB}	186, 97, 255
Decimal	12214783
CIE _{Lab}	58.23, 62.59, -64.73
CIE _{LCh}	58, 90.042, 314.037
Yxy	26.2085, 0.2562, 0.1577
Android (android.graphics.Color)	4290404863 (0xFFBA61FF)
YUV	141.6230, 55.8949, 38.9186
Hunter-Lab	51.1942, 58.8551, -76.9929

Details

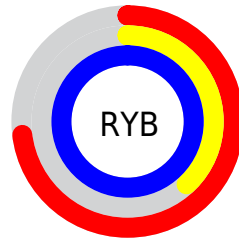
The XYZ color **42.5744, 26.2085, 97.4226** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **53.6436, 80.4901, 24.0188**, and the grayscale version is **25.3495, 26.6697, 29.0433**.

A 20% lighter version of the original color is **67.2843, 49.2693, 100.5714**, and **19.7731, 10.2063, 53.7512** is the 20% darker color. If you saturate the color by 10%, you get **37.9848, 20.8894, 96.6378**, and if you desaturate by 10%, it is **48.1338, 33.1520, 98.4698**.

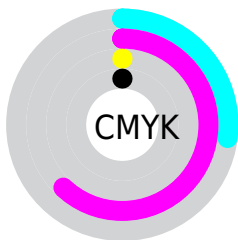
Distribution



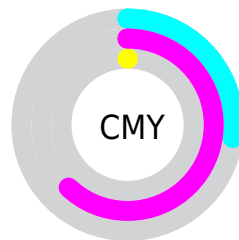
- Red (73%)
- Green (38%)
- Blue (100%)



- Red (73%)
- Yellow (38%)
- Blue (100%)



- Cyan (27%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5744, 26.2085, 97.4226 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 42.5744, 26.2085, 97.4226 by changing the saturation by 10% instead.


 42.5744, 26.2085,
97.4226


 42.5744, 26.2085,
97.4226


347.8098,
283.8041, 573.0732


 29.7444, 16.9797,
73.5450


 78.3279, 53.6111,
159.6316

 19.7918, 10.2200,
53.9272


 101.9822, 72.5537,
198.8000

 12.3512, 5.5451,
38.1506


 129.9752, 95.5030,
243.9023

 7.0572, 2.5705,
25.7969

 162.6724,
122.8434, 295.3573

 3.5445, 0.9119,
16.4474

200.4391,
154.9594, 353.5833

 1.4478, 0.0000,
9.6835

243.6407,

 0.2899, 0.0000,

192.2352, 418.9989

5.0868

292.6425,
235.0553, 492.0227

■ 0.0000, 0.0000,
2.2386

■ 0.0000, 0.0000,
0.6965

■ 42.5744, 26.2085,
97.4226

■ 42.5744, 26.2085,
97.4226

■ 37.9848, 20.8894,
96.6378

■ 48.1338, 33.1520,
98.4698

■ 34.2816, 17.0382,
96.0896

■ 54.7301, 41.8505,
99.8011

■ 31.3698, 14.4713,
95.7476

■ 62.4273, 52.4242,
101.4364

■ 29.4892, 13.1171,
95.5853

■ 71.2828, 64.9817,
103.3935

81.3499, 79.6231,
105.6889

92.6782, 96.4415,
108.3381

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.



30.3671, 26.2085, 135.9157



42.5744, 26.2085, 97.4226



51.0926, 26.2085, 48.5118

Triad

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



42.5744, 26.2085, 97.4226



31.1531, 26.2085, 0.9672



9.5715, 26.2085, 45.7787

Complementary

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



42.5744, 26.2085, 97.4226



53.6436, 80.4901, 24.0188

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.



9.6686, 26.2085, 14.9709



42.5744, 26.2085, 97.4226



20.1500, 26.2085, 0.9124

Square

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



42.5744, 26.2085, 97.4226



43.2931, 26.2085, 3.8072



12.9653, 26.2085, 3.4454



12.6445, 26.2085, 94.2121

Rectangle

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



42.5744, 26.2085, 97.4226



52.3273, 26.2085, 24.5033



12.9653, 26.2085, 3.4454



9.2704, 26.2085, 32.9898

Sweetspot

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



42.5755, 26.2094, 97.4227



74.1338, 69.0936, 104.0369



37.0015, 37.8044, 99.9545



15.2776, 13.9376, 22.1350



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.



42.5755, 26.2094, 97.4227



37.1600, 19.9898, 96.5076



62.3189, 36.5315, 91.8435



17.9821, 17.8825, 22.7539



15.5833, 6.9440, 49.9536



1.6428, 0.7408, 4.8697

Inverse Universe

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



52.3979, 32.5631, 39.5999



48.6070, 27.3521, 31.0279



43.2349, 75.0795, 25.5515



18.3388, 18.1188, 20.4013



23.1302, 11.7414, 9.3361



2.3058, 1.1647, 1.1918

Previews

White Background



This preview shows how the XYZ color 42.5744, 26.2085, 97.4226 looks on a white background.

Color Contrast Check

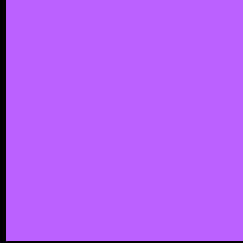
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5744, 26.2085, 97.4226 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 42.5744, 26.2085, 97.4226

Background



This preview shows how black text looks on a background with the XYZ color 42.5744, 26.2085, 97.4226.



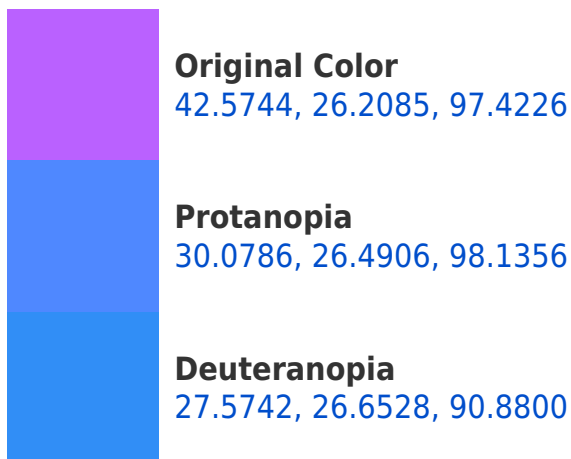
This preview shows how white text looks on a background with the XYZ color 42.5744, 26.2085,

97.4226.

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





Tritanopia

28.4421, 25.9657, 28.3238

Trichromacy



Original Color

42.5744, 26.2085, 97.4226



Protanomaly

32.4807, 24.9906, 97.7195



Deuteranomaly

29.7053, 24.4139, 92.7692



Tritanomaly

32.1555, 25.2185, 47.4288

Monochromacy



Original Color

42.5744, 26.2085, 97.4226



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

30.1086, 25.6097, 48.1560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5744, 26.2085, 97.4226 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(186, 97, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 97, 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(186, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 97, 255) }
```

Border

The CSS property to change the border of an element to XYZ 42.5744, 26.2085, 97.4226 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(186, 97, 255) }
```


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

```
.border{ border-color:rgb(186, 97, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 97, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 97,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5744, 26.2085, 97.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 97, 255) }
```

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

```
.background{ background-color: rgb(186, 97,  
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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