

Converting Colors

XYZ(41.9927, 26.4729, 97.5043)

Have a look what the booklet for
XYZ(41.9927, 26.4729, 97.5043)
contains.

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Color

**XYZ(41.9951, 26.4724,
97.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	B665FF
RGB	182, 101, 255
RGB Percent	71%, 40%, 100%
CMY	0.2863, 0.6039, 0.0000
CMYK	0.29, 0.60, 0.00, 0.00
HSL	272°, 100%, 70%
HSV	272°, 60%, 100%
XYZ	41.9951, 26.4724, 97.5040
YIQ	142.7750, -1.1580, 65.0660

Conversions

Conversions Part 2

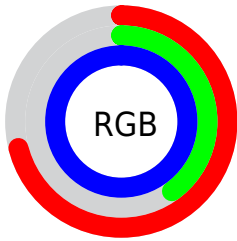
Format	Color
R _Y B	182, 101, 255
Decimal	11953663
CIE _{Lab}	58.48, 59.78, -64.36
CIE _{LCh}	58, 87.835, 312.887
Y _{xy}	26.4724, 0.2530, 0.1595
Android (android.graphics.Color)	4290143743 (0xFFB665FF)
YUV	142.7750, 55.3269, 34.4003
Hunter-Lab	51.4513, 55.6537, -76.3429

Details

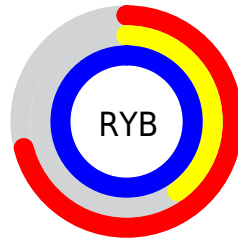
The XYZ color **41.9951, 26.4724, 97.5040** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **55.5644, 81.4582, 25.1070**, and the grayscale version is **25.8068, 27.1508, 29.5672**.

A 20% lighter version of the original color is **66.0470, 49.3635, 100.6548**, and **19.4067, 10.3493, 53.7981** is the 20% darker color. If you saturate the color by 10%, you get **37.1598, 20.8573, 96.6751**, and if you desaturate by 10%, it is **47.8467, 33.7519, 98.6007**.

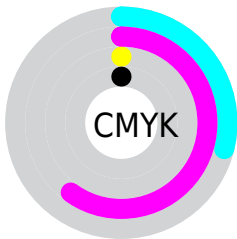
Distribution



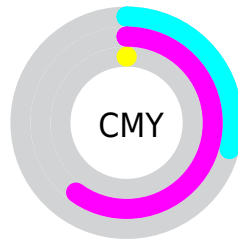
- Red (71%)
- Green (40%)
- Blue (100%)



- Red (71%)
- Yellow (40%)
- Blue (100%)



- Cyan (29%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9951, 26.4724, 97.5040 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 41.9951, 26.4724, 97.5040 by changing the saturation by 10% instead.


 41.9951, 26.4724,
97.5040


 41.9951, 26.4724,
97.5040

345.4546,
285.0934, 573.3384

 29.2885, 17.1774,
73.6124


 77.4574, 54.0361,
159.7447


 19.4446, 10.3610,
53.9820

 100.9439, 73.0735,
198.9309

 12.0979, 5.6390,
38.1942


 128.7544, 96.1272,
244.0524

 6.8830, 2.6268,
25.8305

 161.2543,
123.5816, 295.5278

 3.4347, 0.9402,
16.4722

198.8089,
155.8210, 353.7755

 1.3876, 0.0000,
9.7010

241.7835,

 0.2474, 0.0000,

193.2298, 419.2142

5.0981

290.5437,
236.1925, 492.2623

■ 0.0000, 0.0000,
2.2452

■ 0.0000, 0.0000,
0.7003

■ 41.9951, 26.4724,
97.5040

■ 41.9951, 26.4724,
97.5040

■ 37.1598, 20.8573,
96.6751

■ 47.8467, 33.7519,
98.6007

■ 33.2577, 16.7532,
96.0886

■ 54.7817, 42.8246,
99.9864

■ 30.1953, 13.9815,
95.7150

■ 62.8644, 53.8095,
101.6807

■ 27.9019, 12.2988,
95.5111

■ 72.1529, 66.8144,
103.7013

■ 82.7009, 81.9388,
106.0647

94.5588, 99.2755,
108.7861

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.



30.0539, 26.4724, 133.4636



41.9951, 26.4724, 97.5040



50.5092, 26.4724, 49.9652

Triad

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



41.9951, 26.4724, 97.5040



31.7404, 26.4724, 1.1971



9.9215, 26.4724, 44.1297

Complementary

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



41.9951, 26.4724, 97.5040



55.5644, 81.4582, 25.1070

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.



10.1350, 26.4724, 14.6881



41.9951, 26.4724, 97.5040



20.8306, 26.4724, 1.0668

Square

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



41.9951, 26.4724, 97.5040



43.5284, 26.4724, 4.4018



13.5611, 26.4724, 3.5783



12.8604, 26.4724, 90.7187

Rectangle

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



41.9951, 26.4724, 97.5040



51.9357, 26.4724, 25.9463



13.5611, 26.4724, 3.5783



9.6583, 26.4724, 31.9068

Sweetspot

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



41.9962, 26.4733, 97.5042



74.5587, 70.2346, 104.2347



38.8318, 40.8162, 100.4394



15.3340, 14.1457, 22.1721



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.



41.9962, 26.4733, 97.5042



36.4712, 20.0993, 96.5650



63.5334, 37.6236, 96.3694



17.9150, 17.8479, 22.7507



14.7532, 6.5160, 49.9147



1.5627, 0.6995, 4.8659

Inverse Universe

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



53.5338, 33.6238, 43.7123



49.7273, 28.3009, 35.3830



43.6039, 75.2776, 25.2141



18.3679, 18.1305, 20.5543



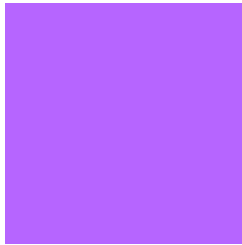
23.4222, 11.8582, 10.8739



2.3353, 1.1765, 1.3470

Previews

White Background



This preview shows how the XYZ color 41.9951, 26.4724, 97.5040 looks on a white background.

Color Contrast Check

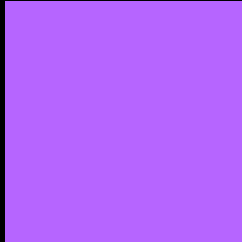
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9951, 26.4724, 97.5040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

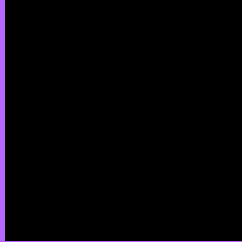
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.9951, 26.4724, 97.5040

Background



This preview shows how black text looks on a background with the XYZ color 41.9951, 26.4724, 97.5040.



This preview shows how white text looks on a background with the XYZ color 41.9951, 26.4724,

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

41.9951, 26.4724, 97.5040

Protanopia

30.3890, 26.8607, 98.1907

Deuteranopia

27.9762, 27.0641, 91.7451



Tritanopia

28.2457, 26.4396, 29.6012

Trichromacy



Original Color

41.9951, 26.4724, 97.5040



Protanomaly

32.7289, 25.4869, 97.8022



Deuteranomaly

30.1201, 24.9931, 93.6791



Tritanomaly

31.8513, 25.5705, 48.6042

Monochromacy



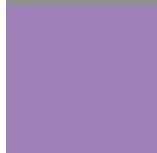
Original Color

41.9951, 26.4724, 97.5040



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

30.2755, 26.0671, 48.7832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9951, 26.4724, 97.5040 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(182, 101, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 101, 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(182, 101, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 101, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.9951, 26.4724, 97.5040 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(182, 101, 255) }
```


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

```
.border{ border-color:rgb(182, 101, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 101, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 101, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 101, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 101,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9951, 26.4724, 97.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 101, 255) }
```

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

```
.background{ background-color: rgb(182,  
101, 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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