

Converting Colors

XYZ(40.5389, 26.8913, 83.2899)

Have a look what the booklet for
XYZ(40.5389, 26.8913, 83.2899)
contains.

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Color

**XYZ(40.5513, 26.9441,
83.1842)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B96BED |
| RGB | 185, 107, 237 |
| RGB Percent | 73%, 42%, 93% |
| CMY | 0.2745, 0.5804, 0.0706 |
| CMYK | 0.22, 0.55, 0.00, 0.07 |
| HSL | 276°, 78%, 67% |
| HSV | 276°, 55%, 93% |
| XYZ | 40.5513, 26.9441, 83.1842 |
| YIQ | 145.1420, 4.7580, 56.9660 |

Conversions

Conversions Part 2

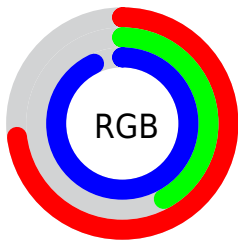
| Format | Color |
|-------------------------------------|--|
| RYB | 185, 107, 237 |
| Decimal | 12151789 |
| CIELab | 58.92, 53.47, -53.66 |
| CIELCh | 59, 75.748, 314.898 |
| Yxy | 26.9441, 0.2691, 0.1788 |
| Android (android.graphics.Color) | 4290341869 (0xFFB96BED) |
| YUV | 145.1420, 45.2860, 34.9555 |
| Hunter-Lab | 51.9077, 48.6092, -58.6792 |

Details

The XYZ color **40.5513, 26.9441, 83.1842** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **47.2368, 69.0014, 24.7398**, and the grayscale version is **26.7927, 28.1881, 30.6968**.

A 20% lighter version of the original color is **68.1031, 51.9428, 101.0443**, and **18.4595, 10.5228, 44.2382** is the 20% darker color. If you saturate the color by 10%, you get **36.1994, 21.5220, 82.3675**, and if you desaturate by 10%, it is **45.7348, 33.8008, 84.2349**.

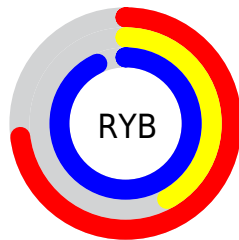
Distribution



Red (73%)

Green (42%)

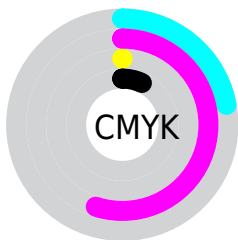
Blue (93%)



Red (73%)

Yellow (42%)

Blue (93%)

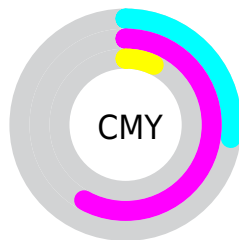


Cyan (22%)

Magenta (55%)

Yellow (0%)

Black (7%)



Cyan (27%)


Magenta (58%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5513, 26.9441, 83.1842 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 40.5513, 26.9441, 83.1842 by changing the saturation by 10% instead.


 40.5513, 26.9441,
83.1842


 40.5513, 26.9441,
83.1842

339.5365,
287.3864, 525.5873


 28.1548, 17.5312,
61.8006


 75.2813, 54.7942,
139.6850


 18.5834, 10.6140,
44.4369


 98.3455, 74.0001,
175.6392

 11.4719, 5.8079,
30.6744


 125.6963, 97.2393,
217.2875

 6.4548, 2.7286,
20.0947

 157.6990,
124.8960, 265.0482

 3.1668, 0.9918,
12.2791

194.7190,
157.3547, 319.3401

 1.2426, 0.0000,
6.8092

237.1217,

 0.1396, 0.0000,

194.9997, 380.5815

3.2664

285.2724,
238.2155, 449.1910

■ 0.0000, 0.0000,
1.2322

■ 0.0000, 0.0000,
0.0053

■ 40.5513, 26.9441,
83.1842

■ 40.5513, 26.9441,
83.1842

■ 36.1994, 21.5220,
82.3675

■ 45.7348, 33.8008,
84.2349

■ 32.6161, 17.4164,
81.7639

■ 51.8000, 42.1911,
85.5348

■ 29.7336, 14.4946,
81.3518

■ 58.7962, 52.2088,
87.0996

■ 27.4676, 12.5931,
81.1042

■ 66.7681, 63.9390,
88.9436

■ 26.4761, 11.8831,
81.0194

■ 75.7571, 77.4608,
91.0798

■ 85.8023, 92.8482,
93.5205

■ 90.9602, 98.2109,
94.2837

■ 92.2861, 98.8945,
94.3458

Harmonies

Analogous

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



30.5275, 26.9441, 112.8136



40.5513, 26.9441, 83.1842



47.2450, 26.9441, 44.9430

Triad

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



40.5513, 26.9441, 83.1842



30.5975, 26.9441, 2.3960



11.8439, 26.9441, 44.7069

Complementary

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



40.5513, 26.9441, 83.1842



47.2368, 69.0014, 24.7398

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.



11.8539, 26.9441, 17.8408



40.5513, 26.9441, 83.1842



21.2503, 26.9441, 2.3870

Square

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



40.5513, 26.9441, 83.1842



40.6131, 26.9441, 5.9067



14.8795, 26.9441, 5.8621



14.8479, 26.9441, 82.9234

Rectangle

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



40.5513, 26.9441, 83.1842



48.0871, 26.9441, 25.1482



14.8795, 26.9441, 5.8621



11.5240, 26.9441, 33.9681

Sweetspot

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



40.5524, 26.9452, 83.1848



77.6359, 73.7095, 104.7433



33.7485, 34.0375, 84.9124



16.1865, 15.1389, 22.3189



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.



40.5524, 26.9452, 83.1848



42.0945, 24.6388, 97.1449



53.6380, 33.9026, 74.2385



15.0981, 14.9959, 19.0210



14.6070, 6.5661, 44.2405



1.2551, 0.5713, 3.4790

Inverse Universe

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



46.4415, 31.0240, 36.3421



50.4583, 30.3616, 33.7811



39.7385, 65.0509, 28.2319



15.3151, 15.1539, 16.9445



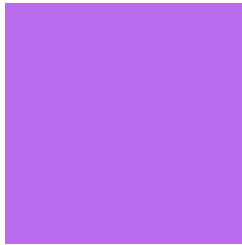
20.2512, 10.3032, 7.1242



1.6366, 0.8276, 0.8035

Previews

White Background



This preview shows how the XYZ color 40.5513, 26.9441, 83.1842 looks on a white background.

Color Contrast Check

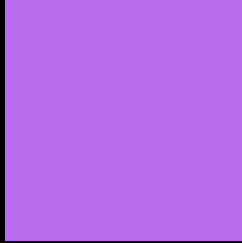
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.5513, 26.9441, 83.1842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

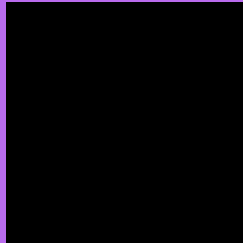
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.5513, 26.9441, 83.1842

Background



This preview shows how black text looks on a background with the XYZ color 40.5513, 26.9441, 83.1842.



This preview shows how white text looks on a background with the XYZ color 40.5513, 26.9441,

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

40.5513, 26.9441, 83.1842

Protanopia

30.8848, 27.3283, 98.2548

Deuteranopia

28.0758, 27.1830, 78.6300



Tritanopia

29.4959, 26.8905, 29.2270

Trichromacy



Original Color

40.5513, 26.9441, 83.1842

Protanomaly

32.4178, 26.0210, 92.1209

Deuteranomaly

30.8704, 25.8688, 80.4569

Tritanomaly

32.6980, 26.4542, 44.9778

Monochromacy



Original Color

40.5513, 26.9441, 83.1842

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.6494, 26.9205, 45.7003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5513, 26.9441, 83.1842 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, 107, 237)` looks like.

```
.text, #text, p{  
    color:rgb(185, 107, 237)  
}
```

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, 107, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 107, 237) }
```

Border

The CSS property to change the border of an element to XYZ 40.5513, 26.9441, 83.1842 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, 107, 237) }
```


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

```
.border{ border-color:rgb(185, 107, 237) }
```

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

Here you see how a box with a 4 pixel rgb(185, 107, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 107, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 107, 237);  
box-shadow:4px 4px 4px 4px rgb(185, 107,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5513, 26.9441, 83.1842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 107, 237) }
```

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

```
.background{ background-color: rgb(185,  
107, 237) }
```

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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