

Converting Colors

YUV(155.2350, 40.8031,
26.1039)

Have a look what the booklet for
YUV(155.2350, 40.8031, 26.1039)
contains.

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Color

**YUV(155.2350, 40.8031,
26.1039)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B97CEE |
| RGB | 185, 124, 238 |
| RGB Percent | 73%, 49%, 93% |
| CMY | 0.2745, 0.5137, 0.0667 |
| CMYK | 0.22, 0.48, 0.00, 0.07 |
| HSL | 272°, 77%, 71% |
| HSV | 272°, 48%, 93% |
| XYZ | 42.6479, 30.9026, 84.6059 |
| YIQ | 155.2350, -0.2380, 48.3860 |

Conversions

Conversions Part 2

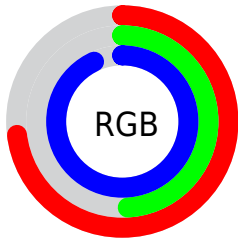
| Format | Color |
|-------------------------------------|--|
| RYB | 185, 124, 238 |
| Decimal | 12156142 |
| CIELab | 62.43, 44.75, -48.65 |
| CIELCh | 62, 66.101, 312.604 |
| Yxy | 30.9026, 0.2697, 0.1954 |
| Android (android.graphics.Color) | 4290346222 (0xFFB97CEE) |
| YUV | 155.2350, 40.8031, 26.1039 |
| Hunter-Lab | 55.5901, 39.6595, -51.3239 |

Details

The YUV color **155.2350, 40.8031, 26.1039** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **206.7650, -40.8031, -26.1039**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2130, 24.0520, 32.2622**, and **102.0560, 38.9194, 23.6299** is the 20% darker color. If you saturate the color by 10%, you get **137.8580, 49.3700, 31.6965**, and if you desaturate by 10%, it is **172.6120, 32.2363, 20.5113**.

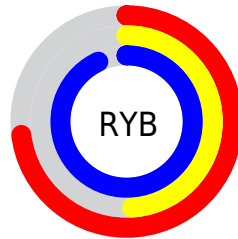
Distribution



Red (73%)

Green (49%)

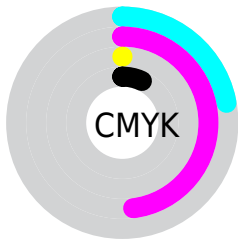
Blue (93%)



Red (73%)

Yellow (49%)

Blue (93%)

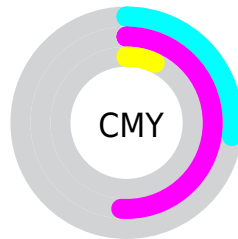


Cyan (22%)

Magenta (48%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (51%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.2350, 40.8031, 26.1039 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 YUV color 155.2350, 40.8031, 26.1039 by changing the saturation by 10% instead.

155.2350, 40.8031,
26.1039

155.2350, 40.8031,
26.1039

255.0000, 0.0000,
0.0000

128.2950, 39.7876,
25.1743

206.2130, 24.0520,
32.2622

102.0560, 38.9194,
23.6299

226.2370, 14.1802,
25.2252

76.2300, 38.3406,
22.6003

242.6730, 6.0772,
10.8108

49.9310, 38.4880,
21.9855

25.9800, 37.4779,
19.3115

15.0570, 30.5379,
5.2120

6.1560, 23.5871,

-5.3988

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 155.2350, 40.8031,
26.1039

■ 155.2350, 40.8031,
26.1039

■ 137.8580, 49.3700,
31.6965

■ 172.6120, 32.2363,
20.5113

■ 120.4810, 57.9369,
37.2892

■ 189.9890, 23.6694,
14.9186

■ 103.6910, 66.2143,
42.3670

■ 206.7790, 15.3920,
9.8408

■ 86.3140, 74.7812,
47.9596

■ 224.1560, 6.8251,
4.2482

68.9370, 83.3481,
53.5523

241.5330, -1.7418,
-1.3444

65.1050, 85.2372,
54.2819

251.8660, -6.8359,
-0.7595

253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



137.7620, 57.7983, -58.5503



155.2350, 40.8031, 26.1039



150.8920, 17.8012, 77.2707

Triad

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



155.2350, 40.8031, 26.1039



144.9880, -58.6611, 55.2615



124.4360, 24.9281, -109.1304

Complementary

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



155.2350, 40.8031, 26.1039



206.7650, -40.8031, -26.1039

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.



116.3080, -1.1378, -102.0021



155.2350, 40.8031, 26.1039



139.3130, -65.2303, 15.5115

Square

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



155.2350, 40.8031, 26.1039



146.2500, -35.6193, 84.8498



132.6110, -37.2762, -37.3698



129.4180, 49.0939, -113.4996

Rectangle

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



155.2350, 40.8031, 26.1039



146.8220, 0.5808, 93.9951



132.6110, -37.2762, -37.3698



122.0420, 15.7553, -107.0308

Sweetspot

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



155.2350, 40.8031, 26.1039



228.7850, 12.9240, 8.0816



168.1070, 34.4572, -38.6818



111.7970, 7.9881, 4.5630



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



155.2350, 40.8031, 26.1039



149.5530, 51.9854, 32.8410



170.6260, 31.2434, 59.0870



111.1620, 4.3571, 2.4889



50.2780, 65.9249, 41.8522



15.3540, 20.0385, 12.8445

Inverse Universe

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



164.1280, 6.3459, 64.7857



160.9930, 7.8915, 82.4441



191.3740, -31.2434, -59.0870



112.1580, 0.4151, 6.8774



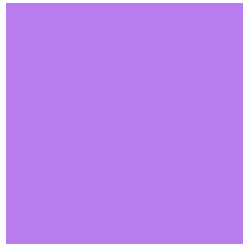
64.7060, 10.0049, 104.6208



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 155.2350, 40.8031, 26.1039 looks on a white background.

Color Contrast Check

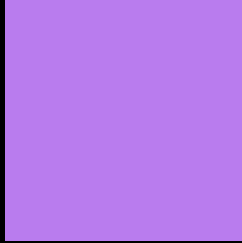
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 155.2350, 40.8031, 26.1039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

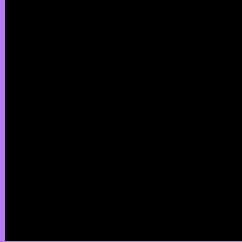
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.2350, 40.8031, 26.1039

Background



This preview shows how black text looks on a background with the YUV color 155.2350, 40.8031, 26.1039.



This preview shows how white text looks on a background with the YUV color 155.2350, 40.8031, 26.1039.

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

155.2350, 40.8031, 26.1039

Protanopia

147.3410, 53.0759, -37.1331

Deuteranopia

148.0890, 41.8611, -33.4041



Tritanopia

153.3270, 0.8248, 15.4992

Trichromacy



Original Color

155.2350, 40.8031, 26.1039



Protanomaly

150.0450, 48.7848, -14.0715



Deuteranomaly

150.5200, 41.6486, -11.8570



Tritanomaly

154.1330, 15.2174, 19.1774

Monochromacy



Original Color

155.2350, 40.8031, 26.1039



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.2520, 14.6658, 9.4260

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.2350, 40.8031, 26.1039 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, 124, 238)` looks like.

```
.text, #text, p{  
    color:rgb(185, 124, 238)  
}
```

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, 124, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 124, 238) }
```

Border

The CSS property to change the border of an element to YUV 155.2350, 40.8031, 26.1039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

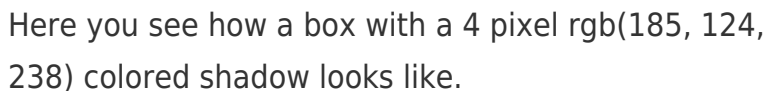
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 124, 238) }
```


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

```
.border{ border-color:rgb(185, 124, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 124, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 124, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 124, 238); box-shadow:4px 4px 4px 4px rgb(185, 124, 238) }
```

Background

The CSS property to change the background color of an element to YUV 155.2350, 40.8031, 26.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 124, 238) }
```

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

```
.background{ background-color: rgb(185,  
124, 238) }
```

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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