

Converting Colors

YUV(161.3150, 46.1867,
26.0337)

Have a look what the booklet for
YUV(161.3150, 46.1867, 26.0337)
contains.

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Color

**YUV(161.3150, 46.1867,
26.0337)**

Conversions

Conversions Part 1

Format	Color
Hex	BF80FF
RGB	191, 128, 255
RGB Percent	75%, 50%, 100%
CMY	0.2510, 0.4980, 0.0000
CMYK	0.25, 0.50, 0.00, 0.00
HSL	270°, 100%, 75%
HSV	270°, 50%, 100%
XYZ	47.2550, 33.7347, 98.6286
YIQ	161.3150, -3.2190, 52.8530

Conversions

Conversions Part 2

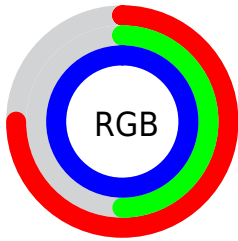
Format	Color
R_{YB}	191, 128, 255
Decimal	12550399
CIE _{Lab}	64.75, 48.03, -54.29
CIE _{LCh}	65, 72.487, 311.504
Yxy	33.7347, 0.2631, 0.1878
Android (android.graphics.Color)	4290740479 (0xFFBF80FF)
YUV	161.3150, 46.1867, 26.0337
Hunter-Lab	58.0816, 43.5844, -60.0235

Details

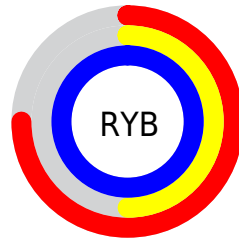
The YUV color **161.3150, 46.1867, 26.0337** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **221.6850, -46.1867, -26.0337**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.6540, 21.8626, 34.5064**, and **107.2500, 44.7398, 23.4597** is the 20% darker color. If you saturate the color by 10%, you get **142.7530, 55.3378, 30.9116**, and if you desaturate by 10%, it is **180.4640, 36.7462, 20.6411**.

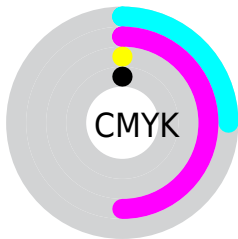
Distribution



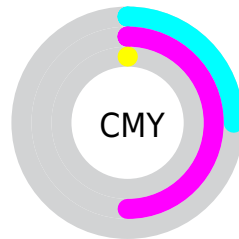
- Red (75%)
- Green (50%)
- Blue (100%)



- Red (75%)
- Yellow (50%)
- Blue (100%)



- Cyan (25%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 161.3150, 46.1867, 26.0337 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 161.3150, 46.1867, 26.0337 by changing the saturation by 10% instead.

 161.3150, 46.1867,
26.0337


 161.3150, 46.1867,
26.0337


255.0000, 0.0000,
0.0000


 134.0760, 45.3185,
24.4893


 210.6540, 21.8626,
34.5064


 107.2500, 44.7398,
23.4597


 228.5850, 13.0226,
23.1660

 81.3100, 43.7242,
22.5301

 245.6080, 4.6303,
8.2368

 54.5980, 43.5822,
21.4006

 28.5870, 43.5876,
19.6562

 16.0550, 36.9479,
2.5828

 7.6380, 29.2655,

-6.6985

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 161.3150, 46.1867,
26.0337

■ 161.3150, 46.1867,
26.0337

■ 142.7530, 55.3378,
30.9116

■ 180.4640, 36.7462,
20.6411

■ 123.6040, 64.7782,
36.3043

■ 199.0260, 27.5952,
15.7632

■ 104.4550, 74.2187,
41.6970

■ 218.1750, 18.1547,
10.3705

■ 86.1920, 83.2223,
47.1896

■ 236.4380, 9.1511,
4.8779

■ 67.0430, 92.6628, 255.0000, 0.0000,
52.5823 0.0000

■ 66.7440, 92.8102,
51.9675

Harmonies

Analogous

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



133.4990, 59.9000, -79.3676



161.3150, 46.1867, 26.0337



155.6740, 21.8527, 84.4779

Triad

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



161.3150, 46.1867, 26.0337



148.6270, -67.8501, 62.5941



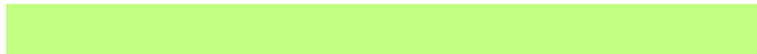
130.4030, 24.9443, -114.3634

Complementary

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



161.3150, 46.1867, 26.0337



221.6850, -46.1867, -26.0337

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.



120.8900, -3.8898, -106.0205



161.3150, 46.1867, 26.0337



144.4290, -71.2035, 18.0408

Square

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



161.3150, 46.1867, 26.0337



149.2510, -37.0987, 92.7419



136.6940, -43.2331, -40.0736



136.1830, 52.1678, -119.4325

Rectangle

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



161.3150, 46.1867, 26.0337



146.3860, 5.2327, 95.2545



136.6940, -43.2331, -40.0736



127.8950, 15.3348, -112.1639

Sweetspot

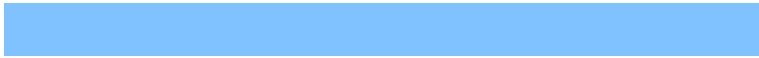
The Sweet Spot groups the original color and five complimentary colors.



161.3150, 46.1867, 26.0337



227.0130, 13.7976, 7.8816



181.2200, 36.3735, -46.6739



110.9110, 8.4249, 4.4631



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.



161.3150, 46.1867, 26.0337



142.1660, 55.6272, 31.4264



179.8530, 37.0475, 64.1499



118.2760, 4.7939, 2.3889



50.1790, 69.4248, 39.3080



16.8640, 23.2380, 13.2743

Inverse Universe

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



173.2690, 9.2344, 71.6781



156.5250, 11.0802, 86.3626



203.1470, -37.0475, -64.1499



119.5710, 0.7045, 7.3922



68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 161.3150, 46.1867, 26.0337 looks on a white background.

Color Contrast Check

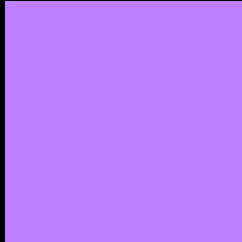
Large Text (above 18pt) WCAG AA × Fail

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 161.3150, 46.1867, 26.0337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

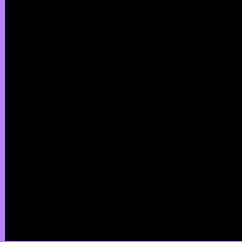
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.3150, 46.1867, 26.0337

Background



This preview shows how black text looks on a background with the YUV color 161.3150, 46.1867, 26.0337.



This preview shows how white text looks on a background with the YUV color 161.3150, 46.1867, 26.0337.

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

161.3150, 46.1867, 26.0337

Protanopia

154.1520, 49.7181, -33.4593

Deuteranopia

152.2390, 47.7032, -40.5516



Tritanopia

158.8430, 1.5564, 14.1697

Trichromacy



Original Color

161.3150, 46.1867, 26.0337



Protanomaly

156.9420, 48.3426, -12.2271



Deuteranomaly

155.2790, 47.1905, -16.0307



Tritanomaly

159.8170, 17.8382, 18.5775

Monochromacy



Original Color

161.3150, 46.1867, 26.0337



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

161.1210, 16.7023, 9.5409

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.3150, 46.1867, 26.0337 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(191, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 128, 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(191, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 128, 255) }
```

Border

The CSS property to change the border of an element to YUV 161.3150, 46.1867, 26.0337 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(191, 128, 255) }
```


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

```
.border{ border-color:rgb(191, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 128,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 161.3150, 46.1867, 26.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 128, 255) }
```

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

```
.background{ background-color: rgb(191,  
128, 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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