

Converting Colors

YUV(171.8260, 41.0048, 8.0456)

Have a look what the booklet for
YUV(171.8260, 41.0048, 8.0456)
contains.

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Color

**YUV(171.8260, 41.0048,
8.0456)**

Conversions

Conversions Part 1

Format	Color
Hex	B597FF
RGB	181, 151, 255
RGB Percent	71%, 59%, 100%
CMY	0.2902, 0.4078, 0.0000
CMYK	0.29, 0.41, 0.00, 0.00
HSL	257°, 100%, 80%
HSV	257°, 41%, 100%
XYZ	48.1727, 39.1770, 99.6307
YIQ	171.8260, -15.5040, 38.7040

Conversions

Conversions Part 2

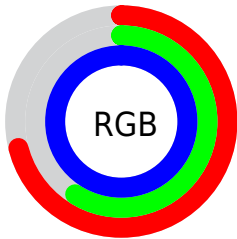
Format	Color
RYB	181, 151, 255
Decimal	11900927
CIELab	68.88, 32.79, -47.82
CIELCh	69, 57.985, 304.437
Yxy	39.1770, 0.2576, 0.2095
Android (android.graphics.Color)	4290091007 (0xFFB597FF)
YUV	171.8260, 41.0048, 8.0456
Hunter-Lab	62.5915, 27.8448, -50.5614

Details

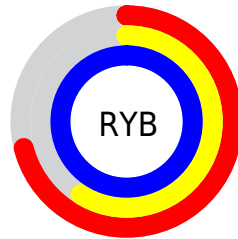
The YUV color **171.8260, 41.0048, 8.0456** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **234.1740, -41.0048, -8.0456**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4530, 16.5387, 15.3887**, and **118.6470, 39.1210, 5.5716** is the 20% darker color. If you saturate the color by 10%, you get **151.7690, 50.8929, 9.8496**, and if you desaturate by 10%, it is **192.4700, 30.8273, 5.7268**.

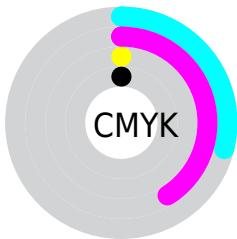
Distribution



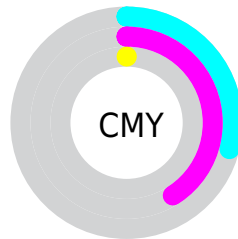
- Red (71%)
- Green (59%)
- Blue (100%)



- Red (71%)
- Yellow (59%)
- Blue (100%)



- Cyan (29%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8260, 41.0048, 8.0456 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 171.8260, 41.0048, 8.0456 by changing the saturation by 10% instead.

171.8260, 41.0048,
8.0456

171.8260, 41.0048,
8.0456

255.0000, 0.0000,
0.0000

144.8860, 39.9892,
7.1160

221.4530, 16.5387,
15.3887

118.6470, 39.1210,
5.5716

242.6730, 6.0772,
10.8108

92.7070, 38.1054,
4.6420

68.0550, 36.9479,
2.5828

43.8050, 36.0851,
-0.7060

16.9780, 36.9858,
-9.6277

7.7520, 29.7023,

-6.7985

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 171.8260, 41.0048,
8.0456

■ 171.8260, 41.0048,
8.0456

■ 151.7690, 50.8929,
9.8496

■ 192.4700, 30.8273,
5.7268

■ 131.1250, 61.0704,
12.1684

■ 212.5270, 20.9392,
3.9228

■ 111.0680, 70.9585,
13.9724

■ 233.1710, 10.7617,
1.6040

■ 90.1250, 81.2834,
15.6764

■ 253.5270, 0.7262,
0.4148

■ 70.0680, 91.1715, 255.0000, 0.0000,
17.4804 0.0000

■ 51.1960, 100.4754,
19.9991

Harmonies

Analogous

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



152.1710, 50.6947, -66.8020



171.8260, 41.0048, 8.0456



171.8680, 20.7711, 57.9978

Triad

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



171.8260, 41.0048, 8.0456



165.3380, -46.0156, 59.3396



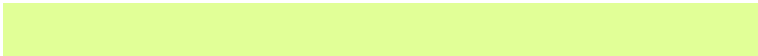
133.8280, 20.2978, -117.3672

Complementary

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



171.8260, 41.0048, 8.0456



234.1740, -41.0048, -8.0456

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.



141.1710, -9.9443, -77.3260



171.8260, 41.0048, 8.0456



161.8100, -52.1643, 24.7226

Square

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



171.8260, 41.0048, 8.0456



165.3230, -26.2882, 78.6467



155.9770, -38.9357, -18.3968



139.0550, 42.8639, -121.9512

Rectangle

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



171.8260, 41.0048, 8.0456



168.3790, 5.7292, 75.9666



155.9770, -38.9357, -18.3968



131.0750, 12.2880, -114.9528

Sweetspot

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



171.8260, 41.0048, 8.0456



230.2250, 12.2141, 2.4337



206.8810, 23.7227, -49.0076



113.5470, 7.1253, 1.2743



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.



171.8260, 41.0048, 8.0456



155.0140, 49.2931, 9.6347



187.0750, 33.4870, 39.3992



117.3790, 5.2362, 0.5446



38.2190, 75.3210, 14.7169



12.6780, 25.3017, 4.6674

Inverse Universe

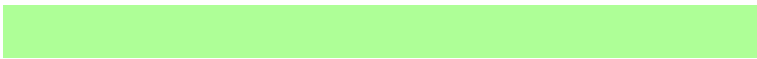
The Inverse Universe completely reimagines the original color for something new.



190.5320, 16.9927, 56.5384



177.5210, 20.4491, 67.9491



218.9250, -33.4870, -39.3992



119.9130, 2.0149, 7.0923



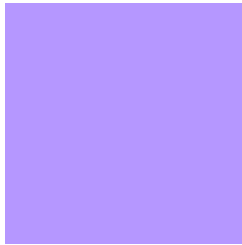
72.6130, 31.2498, 103.8254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 171.8260, 41.0048, 8.0456 looks on a white background.

Color Contrast Check

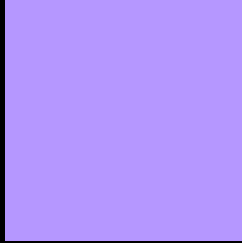
Large Text (above 18pt) WCAG AA × Fail

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 171.8260, 41.0048, 8.0456 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 171.8260, 41.0048, 8.0456

Background



This preview shows how black text looks on a background with the YUV color 171.8260, 41.0048, 8.0456.



This preview shows how white text looks on a background with the YUV color 171.8260, 41.0048, 8.0456.

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

171.8260, 41.0048, 8.0456

Protanopia

166.5890, 43.5866, -26.8266

Deuteranopia

165.6270, 42.5819, -31.2449



Tritanopia

168.1830, 5.8258, -1.9145

Trichromacy



Original Color

171.8260, 41.0048, 8.0456

Protanomaly

168.4380, 42.6751, -14.4161

Deuteranomaly

167.9000, 41.9543, -16.5753

Tritanomaly

169.2340, 18.6186, 1.5488

Monochromacy



Original Color

171.8260, 41.0048, 8.0456

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.6210, 14.9768, 2.9634

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8260, 41.0048, 8.0456 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(181, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 151, 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(181, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 151, 255) }
```

Border

The CSS property to change the border of an element to YUV 171.8260, 41.0048, 8.0456 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(181, 151, 255) }
```


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

```
.border{ border-color:rgb(181, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 151,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 171.8260, 41.0048, 8.0456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 151, 255) }
```

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

```
.background{ background-color: rgb(181,  
151, 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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