

# Converting Colors

YUV(147.6480, 41.0925,  
26.6187)

Have a look what the booklet for  
YUV(147.6480, 41.0925, 26.6187)  
contains.

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# Color

**YUV(147.6480, 41.0925,  
26.6187)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B274E7
RGB	178, 116, 231
RGB Percent	70%, 45%, 91%
CMY	0.3020, 0.5451, 0.0941
CMYK	0.23, 0.50, 0.00, 0.09
HSL	272°, 71%, 68%
HSV	272°, 50%, 91%
XYZ	39.0293, 27.7253, 78.8958
YIQ	147.6480, 0.0370, 48.9090

# Conversions

## Conversions Part 2

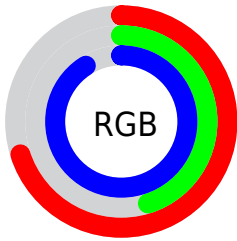
Format	Color
R <sub>Y</sub> B	178, 116, 231
Decimal	11695335
CIE Lab	59.64, 45.61, -49.22
CIE LCh	60, 67.103, 312.815
Yxy	27.7253, 0.2680, 0.1904
Android (android.graphics.Color)	4289885415 (0xFFB274E7)
YUV	147.6480, 41.0925, 26.6187
Hunter-Lab	52.6548, 40.1636, -51.9793

# Details

The YUV color **147.6480, 41.0925, 26.6187** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **199.3520, -41.0925, -26.6187**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.4240, 27.3990, 32.0772**, and **94.5830, 39.6456, 24.0447** is the 20% darker color. If you saturate the color by 10%, you get **130.8580, 49.3700, 31.6965**, and if you desaturate by 10%, it is **164.4380, 32.8151, 21.5409**.

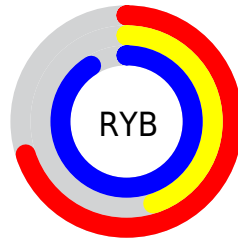
# Distribution



Red (70%)

Green (45%)

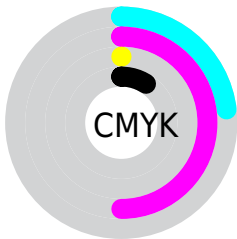
Blue (91%)



Red (70%)

Yellow (45%)

Blue (91%)

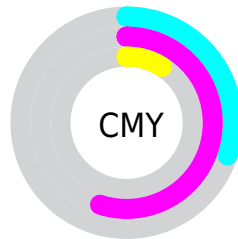


Cyan (23%)

Magenta (50%)

Yellow (0%)

Black (9%)



Cyan (30%)

Magenta (55%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 147.6480, 41.0925, 26.6187 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 147.6480, 41.0925, 26.6187 by changing the saturation by 10% instead.



147.6480, 41.0925,  
26.6187

147.6480, 41.0925,  
26.6187

255.0000, 0.0000,  
0.0000

120.8220, 40.5138,  
25.5891

199.4240, 27.3990,  
32.0772

94.5830, 39.6456,  
24.0447

220.9540, 16.7847,  
29.8583

68.7570, 39.0668,  
23.0151

237.9770, 8.3923,  
14.9292

41.1700, 39.3562,  
23.5299

23.2030, 35.8889,  
15.6080

13.2910, 28.9435,  
3.2528

7.2330, 20.0981,

-6.3433

■ 3.5510, 11.0674,  
-3.1142

■ 0.0000, 0.0000,  
0.0000

■ 147.6480, 41.0925,  
26.6187

■ 147.6480, 41.0925,  
26.6187

■ 130.8580, 49.3700,  
31.6965

■ 164.4380, 32.8151,  
21.5409

■ 114.3670, 57.5001,  
37.3891

■ 180.9290, 24.6850,  
15.8483

■ 97.5770, 65.7775,  
42.4670

■ 197.7190, 16.4075,  
10.7704

■ 80.7870, 74.0550,  
47.5448

■ 214.5090, 8.1301,  
5.6926

63.7090, 82.4745,  
53.7522

231.0000, 0.0000,  
0.0000

248.3770, -8.5669,  
-5.5926

251.6660,  
-10.1883, 1.1699

252.2640,  
-10.4832, 2.3995

# Harmonies

## Analogous

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



129.4670, 61.8878, -63.5536



147.6480, 41.0925, 26.6187



142.7180, 18.3800, 78.3003

# Triad

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



147.6480, 41.0925, 26.6187



135.7770, -62.0081, 55.4466



119.5290, 23.8962, -104.8269

# Complementary

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



147.6480, 41.0925, 26.6187



199.3520, -41.0925, -26.6187

# 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.



111.4010, -2.1697, -97.6987



147.6480, 41.0925, 26.6187



131.7150, -64.9355, 14.2819

# Square

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



147.6480, 41.0925, 26.6187



137.5490, -35.7667, 85.4645



124.4860, -37.7076, -39.0142



124.6250, 48.4989, -109.2961



# Rectangle

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



147.6480, 41.0925, 26.6187



138.0610, 1.4489, 95.5395



124.4860, -37.7076, -39.0142



117.2490, 15.1602, -102.8274

# Sweetspot

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



147.6480, 41.0925, 26.6187



227.3120, 13.6502, 8.4964



160.8080, 34.6047, -39.2966



111.2100, 8.2775, 5.0778



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.



147.6480, 41.0925, 26.6187



143.9600, 54.7427, 35.1151



163.0390, 31.5328, 59.6018



106.1620, 4.3571, 2.4889



49.1100, 64.0358, 41.1225



13.8870, 18.2967, 11.5001



# Inverse Universe

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



156.4270, 6.1985, 65.4005



155.8410, 8.4594, 86.9624



183.9610, -31.5328, -59.6018



107.2720, 0.8519, 6.7775



62.8690, 9.4316, 101.8469

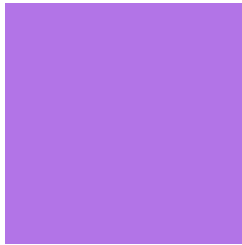


17.9850, 2.9654, 28.9542



# Previews

## White Background



This preview shows how the YUV color 147.6480, 41.0925, 26.6187 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

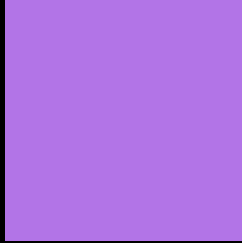
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 147.6480, 41.0925, 26.6187 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

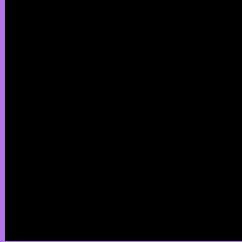
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 147.6480, 41.0925, 26.6187

## Background



This preview shows how black text looks on a background with the YUV color 147.6480, 41.0925, 26.6187.



This preview shows how white text looks on a background with the YUV color 147.6480, 41.0925,



# 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

147.6480, 41.0925, 26.6187

### Protanopia

138.6440, 56.8705, -40.9068

### Deuteranopia

140.0780, 41.8665, -35.1484



## Tritanopia

145.6260, 0.6774, 16.1140

# Trichromacy



## Original Color

147.6480, 41.0925, 26.6187



## Protanomaly

141.7180, 51.4110, -16.4157



## Deuteranomaly

142.8080, 41.5067, -12.9866



## Tritanomaly

146.5460, 15.5068, 19.6922

# Monochromacy



## Original Color

147.6480, 41.0925, 26.6187



## Achromatopsia

148.0000, 0.0000, 0.0000



## Achromatomaly

147.6650, 14.9552, 9.9408

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.6480, 41.0925, 26.6187 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(178, 116, 231)` looks like.

```
.text, #text, p{  
    color:rgb(178, 116, 231)  
}
```

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(178, 116, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 116, 231) }
```

## Border

The CSS property to change the border of an element to YUV 147.6480, 41.0925, 26.6187 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(178, 116, 231) }
```



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

```
.border{ border-color:rgb(178, 116, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 116, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 116, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 116, 231);  
box-shadow:4px 4px 4px 4px rgb(178, 116,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 147.6480, 41.0925, 26.6187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 116, 231) }
```

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

```
.background{ background-color: rgb(178,  
116, 231) }
```

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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