

# Converting Colors

YUV(144.6360, 46.0285,  
30.1372)

Have a look what the booklet for  
YUV(144.6360, 46.0285, 30.1372)  
contains.

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# Color

**YUV(144.6360, 46.0285,  
30.1372)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B36DEE
RGB	179, 109, 238
RGB Percent	70%, 43%, 93%
CMY	0.2980, 0.5725, 0.0667
CMYK	0.25, 0.54, 0.00, 0.07
HSL	273°, 79%, 68%
HSV	273°, 54%, 93%
XYZ	39.4917, 26.6940, 83.9599
YIQ	144.6360, 0.3110, 54.9590

# Conversions

## Conversions Part 2

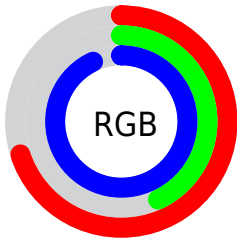
Format	Color
R <sub>Y</sub> B	179, 109, 238
Decimal	11759086
CIE Lab	58.69, 51.16, -54.62
CIE LCh	59, 74.841, 313.124
Yxy	26.6940, 0.2630, 0.1778
Android (android.graphics.Color)	4289949166 (0xFFB36DEE)
YUV	144.6360, 46.0285, 30.1372
Hunter-Lab	51.6663, 46.0224, -60.1825

# Details

The YUV color  $144.6360, 46.0285, 30.1372$  is a light color, and the websafe version is hex  $CC66FF$ . A complement of this color would be  $202.3640, -46.0285, -30.1372$ , and the grayscale version is  $144.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $195.6140, 29.2773, 36.2955$ , and  $90.8700, 44.4341, 28.1780$  is the 20% darker color. If you saturate the color by 10%, you get  $127.2590, 54.5953, 35.7299$ , and if you desaturate by 10%, it is  $162.0130, 37.4616, 24.5446$ .

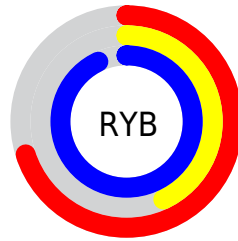
# Distribution



Red (70%)

Green (43%)

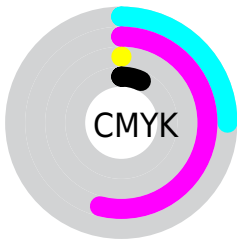
Blue (93%)



Red (70%)

Yellow (43%)

Blue (93%)

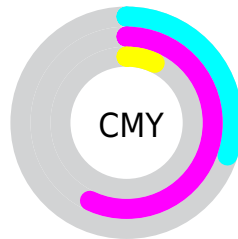


Cyan (25%)

Magenta (54%)

Yellow (0%)

Black (7%)



Cyan (30%)

Magenta (57%)


Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 144.6360, 46.0285, 30.1372 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 144.6360, 46.0285, 30.1372 by changing the saturation by 10% instead.





 144.6360, 46.0285,  
30.1372


 144.6360, 46.0285,  
30.1372


255.0000, 0.0000,  
0.0000


 117.6960, 45.0129,  
29.2076


 195.6140, 29.2773,  
36.2955


 90.8700, 44.4341,  
28.1780

 217.4320, 18.5210,  
32.9471


 64.1580, 44.2921,  
27.0484

 233.8680, 10.4181,  
18.5328

 34.5110, 45.5971,  
28.4929

 250.8910, 2.0257,  
3.6036

 22.9900, 38.9519,  
13.1638

 11.1700, 32.4542,  
-2.7801

 7.8030, 22.2821,

-6.8432

■ 4.7080, 12.9620,  
-4.1289

■ 0.2280, 0.8736,  
-0.2000

■ 144.6360, 46.0285,  
30.1372

■ 144.6360, 46.0285,  
30.1372

■ 127.2590, 54.5953,  
35.7299

■ 162.0130, 37.4616,  
24.5446

■ 109.8820, 63.1622,  
41.3225

■ 179.3900, 28.8947,  
18.9520

■ 93.0920, 71.4396,  
46.4003

■ 196.1800, 20.6173,  
13.8741

■ 75.7150, 80.0065,  
51.9929

■ 213.5570, 12.0504,  
8.2815

65.7030, 84.9424,  
55.5115

230.6350, 3.6309,  
2.0741

248.0120, -4.9359,  
-3.5185

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.



110.6630, 71.1581, -97.0515



144.6360, 46.0285, 30.1372



136.1200, 22.1258, 90.2258

# Triad

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



144.6360, 46.0285, 30.1372



132.5880, -65.3659, 59.1203



119.0560, 24.6224, -104.4121

# Complementary

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



144.6360, 46.0285, 30.1372



202.3640, -46.0285, -30.1372

# 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.



110.0160, -4.9379, -96.4840



144.6360, 46.0285, 30.1372



129.0460, -63.6197, 12.2377

# Square

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



144.6360, 46.0285, 30.1372



132.3930, -39.1407, 94.3713



116.9490, -43.3589, -46.4363



124.8360, 51.8459, -109.4812



# Rectangle

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



144.6360, 46.0285, 30.1372



129.4310, 3.7315, 110.1240



116.9490, -43.3589, -46.4363



116.4340, 14.5760, -102.1126

# Sweetspot

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



144.6360, 46.0285, 30.1372



225.2520, 14.6658, 9.4260



158.9260, 38.9835, -43.7851



109.7370, 9.0037, 5.4927



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.



144.6360, 46.0285, 30.1372



134.8340, 59.2418, 38.7336



161.8210, 35.5842, 66.8090



111.1620, 4.3571, 2.4889



50.8760, 65.6301, 43.0817



15.3540, 20.0385, 12.8445



# Inverse Universe

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



154.2970, 6.7556, 73.4075



147.2980, 8.7271, 94.4547



185.1790, -35.5842, -66.8090



112.1580, 0.4151, 6.8774



64.5920, 9.5681, 104.7208

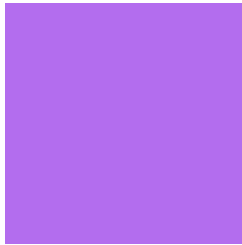


19.7080, 3.1020, 31.8281



# Previews

## White Background



This preview shows how the YUV color 144.6360, 46.0285, 30.1372 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

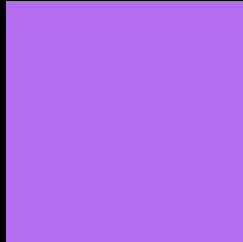
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 144.6360, 46.0285, 30.1372 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 144.6360, 46.0285, 30.1372

## Background



This preview shows how black text looks on a background with the YUV color 144.6360, 46.0285, 30.1372.



This preview shows how white text looks on a background with the YUV color 144.6360, 46.0285, 30.1372.



# 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

144.6360, 46.0285, 30.1372

### Protanopia

135.1920, 59.0653, -44.8954

### Deuteranopia

135.1030, 47.2772, -43.9403



## Tritanopia

143.2240, 0.3826, 17.3436

# Trichromacy



## Original Color

144.6360, 46.0285, 30.1372

## Protanomaly

138.5160, 54.4686, -17.1155

## Deuteranomaly

138.5670, 47.0485, -17.1603

## Tritanomaly

143.6110, 16.9538, 22.2662

# Monochromacy



## Original Color

144.6360, 46.0285, 30.1372

## Achromatopsia

145.0000, 0.0000, 0.0000

## Achromatomaly

144.8330, 16.8443, 10.6705

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.6360, 46.0285, 30.1372 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(179, 109, 238)` looks like.

```
.text, #text, p{  
    color:rgb(179, 109, 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(179, 109, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 109, 238) }
```

## Border

The CSS property to change the border of an element to YUV 144.6360, 46.0285, 30.1372 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".

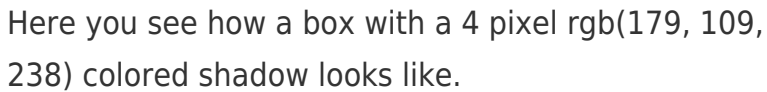
```
.border, #border, table{ border:4px solid rgb(179, 109, 238) }
```



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

```
.border{ border-color:rgb(179, 109, 238) }
```

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



Here you see how a box with a 4 pixel rgb(179, 109, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 109, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 109, 238);  
box-shadow:4px 4px 4px 4px rgb(179, 109,  
238) }
```

# Background

The CSS property to change the background color of an element to YUV 144.6360, 46.0285, 30.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 109, 238) }
```

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

```
.background{ background-color: rgb(179,  
109, 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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