

# Converting Colors

YUV(142.7560, 30.6863,  
51.0800)

Have a look what the booklet for  
YUV(142.7560, 30.6863, 51.0800)  
contains.

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# Color

**YUV(142.7560, 30.6863,  
51.0800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C965CD
RGB	201, 101, 205
RGB Percent	79%, 40%, 80%
CMY	0.2118, 0.6039, 0.1961
CMYK	0.02, 0.51, 0.00, 0.20
HSL	298°, 51%, 60%
HSV	298°, 51%, 80%
XYZ	39.7605, 26.1326, 60.7061
YIQ	142.7560, 26.2160, 53.5440

# Conversions

## Conversions Part 2

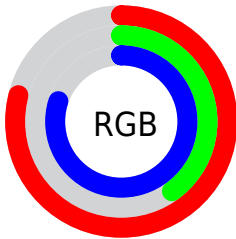
Format	Color
R <sub>Y</sub> B	201, 101, 205
Decimal	13198797
CIE Lab	58.16, 54.28, -36.74
CIE LCh	58, 65.545, 325.905
Yxy	26.1326, 0.3141, 0.2064
Android (android.graphics.Color)	4291388877 (0xFFC965CD)
YUV	142.7560, 30.6863, 51.0800
Hunter-Lab	51.1201, 49.3747, -34.6239

# Details

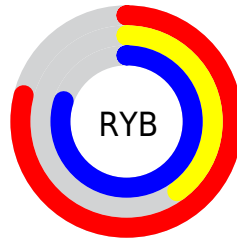
The YUV color  $142.7560, 30.6863, 51.0800$  is a light color, and the websafe version is hex  $CC66CC$ . A complement of this color would be  $163.2440, -30.6863, -51.0800$ , and the grayscale version is  $142.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $196.3000, 28.9391, 51.4799$ , and  $87.7450, 30.6917, 49.3356$  is the 20% darker color. If you saturate the color by 10%, you get  $130.7170, 36.6215, 60.7612$ , and if you desaturate by 10%, it is  $155.3820, 24.4617, 40.8840$ .

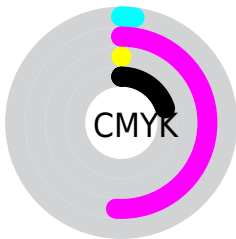
# Distribution



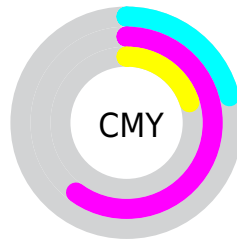
- Red (79%)
- Green (40%)
- Blue (80%)



- Red (79%)
- Yellow (40%)
- Blue (80%)



- Cyan (2%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)




- Cyan (21%)
- Magenta (60%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 142.7560, 30.6863, 51.0800 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 142.7560, 30.6863, 51.0800 by changing the saturation by 10% instead.





 142.7560, 30.6863,  
51.0800

 142.7560, 30.6863,  
51.0800


255.0000, 0.0000,  
0.0000


 115.0440, 30.5443,  
49.9504


 196.3000, 28.9391,  
51.4799

 87.7450, 30.6917,  
49.3356


 212.7360, 20.8362,  
37.0655


 56.1630, 33.4436,  
53.3540

 229.7590, 12.4438,  
22.1364

 38.1960, 29.9764,  
45.4321

 246.7820, 4.0515,  
7.2072

 27.5720, 22.8890,  
31.9474

 18.0730, 16.2330,  
20.1070

 3.3060, 12.6671,

-2.8994

■ 0.0000, 0.0000,  
0.0000

■ 142.7560, 30.6863,  
51.0800

■ 142.7560, 30.6863,  
51.0800

■ 130.7170, 36.6215,  
60.7612

■ 155.3820, 24.4617,  
40.8840

■ 118.0910, 42.8461,  
70.9572

■ 167.4210, 18.5264,  
31.2028

■ 105.7640, 48.9233,  
81.7680

■ 179.7480, 12.4492,  
20.3920

■ 93.7250, 54.8586,  
91.4492

■ 191.7870, 6.5140,  
10.7108

■ 82.2730, 60.5044,  
100.6156

■ 204.4130, 0.2894,  
0.5148

■ 216.4520, -5.6458,  
-9.1664

■ 229.0780,  
-11.8705, -19.3624

■ 234.9480,  
-14.7644, -24.5104

■ 235.2470,  
-14.9118, -23.8956

# Harmonies

## Analogous

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



139.7290, 51.4056, -14.6713



142.7560, 30.6863, 51.0800



135.5100, 7.1436, 89.0067

# Triad

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



142.7560, 30.6863, 51.0800



130.6840, -64.4272, 37.9881



118.8740, 34.0791, -104.2525

# Complementary

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



142.7560, 30.6863, 51.0800



163.2440, -30.6863, -51.0800

# 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.



112.2620, 8.7448, -98.4538



142.7560, 30.6863, 51.0800



125.7000, -55.5611, -5.8759

# Square

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



142.7560, 30.6863, 51.0800



134.5290, -45.6168, 71.4501



108.8800, -18.6748, -77.0708



121.1830, 55.6188, -106.2775



# Rectangle

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



142.7560, 30.6863, 51.0800



133.2600, -10.4812, 95.3650



108.8800, -18.6748, -77.0708



116.8220, 26.2168, -102.4529

# Sweetspot

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



142.7560, 30.6863, 51.0800



232.3950, 11.1443, 18.9476



115.7910, 43.9800, -12.9717



114.2000, 6.8034, 11.2256



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.



142.7560, 30.6863, 51.0800



161.6340, 46.0294, 76.6200



138.5940, 9.5672, 58.2381



96.1300, 2.8939, 5.1480



66.4650, 49.0708, 81.1532



15.3950, 11.1443, 18.9476



# Inverse Universe

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



132.5520, -13.5831, 63.5369



146.3280, -20.3747, 95.3053



167.4060, -9.5672, -58.2381



94.9900, -1.4741, 6.1478



50.3180, -21.8488, 101.4531



11.4760, -5.1647, 23.2615



# Previews

## White Background



This preview shows how the YUV color 142.7560, 30.6863, 51.0800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

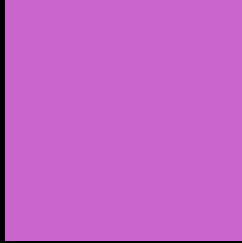
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 142.7560, 30.6863, 51.0800 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

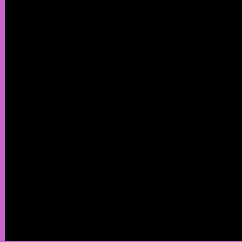
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 142.7560, 30.6863, 51.0800

## Background



This preview shows how black text looks on a background with the YUV color 142.7560, 30.6863, 51.0800.



This preview shows how white text looks on a background with the YUV color 142.7560, 30.6863, 51.0800.



# 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

142.7560, 30.6863, 51.0800

### Protanopia

136.9240, 48.8445, -33.2593

### Deuteranopia

139.7460, 28.7192, -18.1942



## Tritanopia

142.2550, -6.5347, 42.7494

# Trichromacy



## Original Color

142.7560, 30.6863, 51.0800



## Protanomaly

139.1020, 42.3477, -2.7205



## Deuteranomaly

140.8400, 29.6589, 7.1563



## Tritanomaly

142.5340, 7.1317, 46.0127

# Monochromacy



## Original Color

142.7560, 30.6863, 51.0800



## Achromatopsia

143.0000, 0.0000, 0.0000



## Achromatomaly

143.0960, 11.2917, 18.3328

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.7560, 30.6863, 51.0800 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(201, 101, 205)` looks like.

```
.text, #text, p{  
    color:rgb(201, 101, 205)  
}
```

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(201, 101, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 101, 205) }
```

## Border

The CSS property to change the border of an element to YUV 142.7560, 30.6863, 51.0800 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(201, 101, 205) }
```



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

```
.border{ border-color:rgb(201, 101, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 101, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 101, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 101, 205);  
box-shadow:4px 4px 4px 4px rgb(201, 101,  
205) }
```

# Background

The CSS property to change the background color of an element to YUV 142.7560, 30.6863, 51.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 101, 205) }
```

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

```
.background{ background-color: rgb(201,  
101, 205) }
```

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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