

# Converting Colors

YUV(141.7230, 30.7026,  
45.8469)

Have a look what the booklet for  
YUV(141.7230, 30.7026, 45.8469)  
contains.

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# Color

**YUV(141.7230, 30.7026,  
45.8469)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C267CC
RGB	194, 103, 204
RGB Percent	76%, 40%, 80%
CMY	0.2392, 0.5961, 0.2000
CMYK	0.05, 0.50, 0.00, 0.20
HSL	294°, 50%, 60%
HSV	294°, 50%, 80%
XYZ	37.9975, 25.5295, 60.0517
YIQ	141.7230, 21.8150, 50.7030

# Conversions

## Conversions Part 2

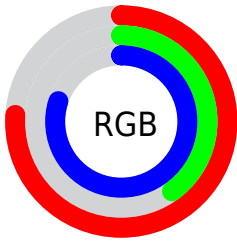
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 103, 204
Decimal	12740556
CIELab	57.59, 51.15, -37.14
CIELCh	58, 63.208, 324.014
Yxy	25.5295, 0.3075, 0.2066
Android (android.graphics.Color)	4290930636 (0xFFC267CC)
YUV	141.7230, 30.7026, 45.8469
Hunter-Lab	50.5267, 45.8152, -35.0984

# Details

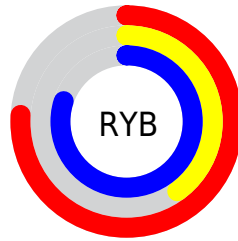
The YUV color **141.7230, 30.7026, 45.8469** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **165.2770, -30.7026, -45.8469**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5770, 28.8025, 48.6060**, and **87.5980, 30.2712, 44.2026** is the 20% darker color. If you saturate the color by 10%, you get **129.3850, 36.7852, 54.9134**, and if you desaturate by 10%, it is **154.0610, 24.6199, 36.7805**.

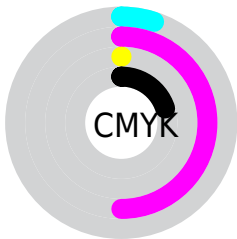
# Distribution



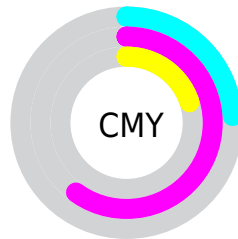
- Red (76%)
- Green (40%)
- Blue (80%)



- Red (76%)
- Yellow (40%)
- Blue (80%)



- Cyan (5%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (60%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.7230, 30.7026, 45.8469 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 141.7230, 30.7026, 45.8469 by changing the saturation by 10% instead.



141.7230, 30.7026,  
45.8469

141.7230, 30.7026,  
45.8469

255.0000, 0.0000,  
0.0000

114.8970, 30.1238,  
44.8173

196.5770, 28.8025,  
48.6060

87.5980, 30.2712,  
44.2026

213.9100, 20.2574,  
36.0359

58.9510, 31.5762,  
45.6470

230.3460, 12.1544,  
21.6216

36.2880, 30.4240,  
41.8434

247.3690, 3.7621,  
6.6924

26.0770, 23.6260,  
28.8735

16.5780, 16.9700,  
17.0331

4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,  
0.0000

■ 141.7230, 30.7026,  
45.8469

■ 141.7230, 30.7026,  
45.8469

■ 129.3850, 36.7852,  
54.9134

■ 154.0610, 24.6199,  
36.7805

■ 116.4600, 43.1572,  
64.4946

■ 166.9860, 18.2479,  
27.1993

■ 104.1220, 49.2399,  
73.5610

■ 179.3240, 12.1653,  
18.1329

■ 91.1970, 55.6119,  
83.1422

■ 192.2490, 5.7932,  
8.5516

■ 78.8590, 61.6945,  
92.2087

■ 204.5870, -0.2894,  
-0.5148

■ 78.2720, 61.9839,  
92.7235

■ 216.9250, -6.3720,  
-9.5812

■ 229.8500,  
-12.7440, -19.1624

■ 235.7310,  
-15.6434, -22.5661

■ 236.3290,  
-15.9382, -21.3365

# Harmonies

## Analogous

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



137.1800, 50.6903, -18.5749



141.7230, 30.7026, 45.8469



135.7050, 8.0334, 83.5737

# Triad

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



141.7230, 30.7026, 45.8469



129.8090, -63.9958, 39.6325



117.0160, 32.0371, -102.6230

# Complementary

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



141.7230, 30.7026, 45.8469



165.2770, -30.7026, -45.8469

# 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.



109.9310, 7.4290, -96.4095



141.7230, 30.7026, 45.8469



125.4060, -52.9512, -2.9871

# Square

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



141.7230, 30.7026, 45.8469



133.4410, -42.1224, 70.6502



112.8710, -21.6284, -63.0309



119.2110, 53.1400, -104.5480



# Rectangle

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



141.7230, 30.7026, 45.8469



132.6940, -8.7231, 91.4764



112.8710, -21.6284, -63.0309



114.8500, 23.7380, -100.7234

# Sweetspot

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



141.7230, 30.7026, 45.8469



231.4980, 11.5865, 17.1033



120.3840, 41.2227, -15.2458



113.6020, 7.0982, 9.9960



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.



141.7230, 30.7026, 45.8469



162.4650, 45.6198, 67.9982



140.1530, 11.7566, 55.9938



95.8310, 3.0413, 4.5332



63.4750, 50.5448, 75.0054



14.4980, 11.5865, 17.1033



# Inverse Universe

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



134.3390, -10.5201, 61.0927



151.4460, -15.9959, 90.8169



166.8470, -11.7566, -55.9938



95.1040, -1.0373, 6.0478



51.4580, -17.4808, 100.4533

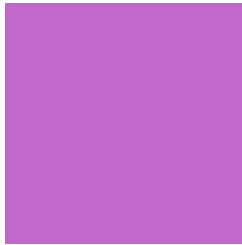


11.8180, -3.8543, 22.9616



# Previews

## White Background



This preview shows how the YUV color 141.7230, 30.7026, 45.8469 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

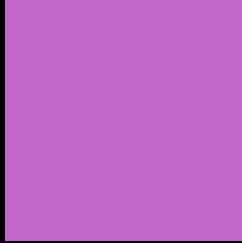
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 141.7230, 30.7026, 45.8469 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

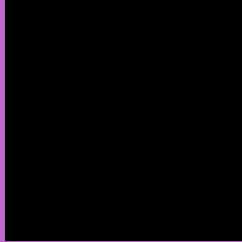
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 141.7230, 30.7026, 45.8469

## Background



This preview shows how black text looks on a background with the YUV color 141.7230, 30.7026, 45.8469.



This preview shows how white text looks on a background with the YUV color 141.7230, 30.7026,

45.8469.

# 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

141.7230, 30.7026, 45.8469

### Protanopia

135.5820, 47.5341, -32.9594

### Deuteranopia

137.6750, 29.7402, -19.0090



## Tritanopia

140.8630, -5.3555, 37.8311

# Trichromacy



## Original Color

141.7230, 30.7026, 45.8469



## Protanomaly

137.8630, 41.4795, -4.2649



## Deuteranomaly

139.2310, 29.9591, 4.1824



## Tritanomaly

141.0280, 7.8742, 41.1944

# Monochromacy



## Original Color

141.7230, 30.7026, 45.8469



## Achromatopsia

142.0000, 0.0000, 0.0000



## Achromatomaly

142.0850, 11.2971, 16.5885

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.7230, 30.7026, 45.8469 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(194, 103, 204)` looks like.

```
.text, #text, p{  
    color:rgb(194, 103, 204)  
}
```

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(194, 103, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 103, 204) }
```

## Border

The CSS property to change the border of an element to YUV 141.7230, 30.7026, 45.8469 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(194, 103, 204) }
```



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

```
.border{ border-color:rgb(194, 103, 204) }
```

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

Here you see how a box with a 4 pixel rgb(194, 103, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 103, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 103, 204);  
box-shadow:4px 4px 4px 4px rgb(194, 103,  
204) }
```

# Background

The CSS property to change the background color of an element to YUV 141.7230, 30.7026, 45.8469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 103, 204) }
```

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

```
.background{ background-color: rgb(194,  
103, 204) }
```

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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