

# Converting Colors

YUV(141.3000, 32.3901,  
64.6349)

Have a look what the booklet for  
YUV(141.3000, 32.3901, 64.6349)  
contains.

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# Color

**YUV(141.3000, 32.3901,  
64.6349)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D75BCF
RGB	215, 91, 207
RGB Percent	84%, 36%, 81%
CMY	0.1569, 0.6431, 0.1882
CMYK	0.00, 0.58, 0.04, 0.16
HSL	304°, 61%, 60%
HSV	304°, 58%, 84%
XYZ	43.0279, 26.4342, 61.8660
YIQ	141.3000, 36.6680, 62.3640

# Conversions

## Conversions Part 2

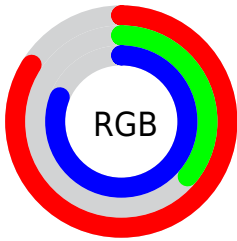
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	215, 91, 207
Decimal	14113743
CIE <sub>Lab</sub>	58.45, 63.03, -37.29
CIE <sub>LCh</sub>	58, 73.235, 329.387
Yxy	26.4342, 0.3276, 0.2013
Android (android.graphics.Color)	4292303823 (0xFFD75BCF)
YUV	141.3000, 32.3901, 64.6349
Hunter-Lab	51.4142, 59.4094, -35.3528

# Details

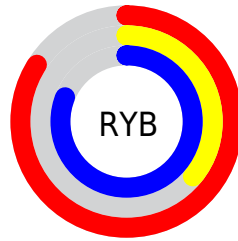
The YUV color **141.3000, 32.3901, 64.6349** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **164.7000, -32.3901, -64.6349**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6040, 31.2542, 55.5983**, and **81.2940, 34.8581, 66.3942** is the 20% darker color. If you saturate the color by 10%, you get **128.8590, 38.0305, 75.5457**, and if you desaturate by 10%, it is **154.3280, 26.4603, 53.2093**.

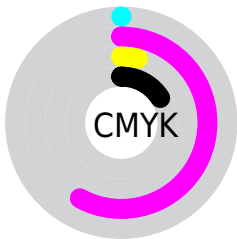
# Distribution



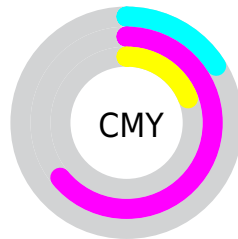
- Red (84%)
- Green (36%)
- Blue (81%)



- Red (84%)
- Yellow (36%)
- Blue (81%)



- Cyan (0%)
- Magenta (58%)
- Yellow (4%)
- Black (16%)




- Cyan (16%)
- Magenta (64%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.3000, 32.3901, 64.6349 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 141.3000, 32.3901, 64.6349 by changing the saturation by 10% instead.





 141.3000, 32.3901,  
64.6349


 141.3000, 32.3901,  
64.6349


255.0000, 0.0000,  
0.0000


 112.4140, 32.8269,  
64.5349


 191.6040, 31.2542,  
55.5983

 81.2940, 34.8581,  
66.3942


 208.0400, 23.1513,  
41.1839


 52.9350, 36.0210,  
66.7090

 225.0630, 14.7589,  
26.2547

 41.8980, 28.6443,  
52.7095

 242.6730, 6.0772,  
10.8108

 30.7900, 22.2885,  
37.8952

 20.9920, 15.7799,  
25.4400

 7.6060, 11.0402,

5.6075

■ 0.0000, 0.0000,  
0.0000

■ 141.3000, 32.3901,  
64.6349

■ 141.3000, 32.3901,  
64.6349

■ 128.8590, 38.0305,  
75.5457

■ 154.3280, 26.4603,  
53.2093

■ 115.7170, 43.5235,  
87.0712

■ 166.8830, 21.2567,  
42.1986

■ 103.2760, 49.1639,  
97.9819

■ 179.9110, 15.3269,  
30.7731

■ 90.1340, 54.6569,  
109.5075

■ 192.4660, 10.1233,  
19.7623

■ 87.1990, 56.1039,  
112.0815

■ 205.4940, 4.1935,  
8.3368

■ 217.9350, -1.4470,  
-2.5740

■ 231.0770, -6.9400,  
-14.0995

■ 238.8220,  
-10.2652, -20.8919

■ 238.9360, -9.8284,  
-20.9919

# Harmonies

## Analogous

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



141.0980, 55.1677, -7.9789



141.3000, 32.3901, 64.6349



131.1960, 6.8054, 104.1911

# Triad

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



141.3000, 32.3901, 64.6349



131.2490, -64.7058, 33.9846



122.2310, 39.3261, -107.1966

# Complementary

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



141.3000, 32.3901, 64.6349



164.7000, -32.3901, -64.6349

# 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.



114.8210, 10.9342, -100.6980



141.3000, 32.3901, 64.6349



122.6790, -60.4807, -14.6275

# Square

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



141.3000, 32.3901, 64.6349



132.5760, -56.9790, 75.7938



104.8350, -17.1737, -91.9403



124.2950, 62.4656, -109.0067



# Rectangle

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



141.3000, 32.3901, 64.6349



129.5390, -13.5767, 108.2753



104.8350, -17.1737, -91.9403



119.8370, 30.1534, -105.0970

# Sweetspot

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



141.3000, 32.3901, 64.6349



229.4170, 11.1334, 22.4363



106.9300, 53.2785, -8.7086



112.5100, 6.6506, 13.5847



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.



141.3000, 32.3901, 64.6349



150.4340, 46.1280, 91.7044



134.4600, 6.1822, 70.6336



100.4290, 2.7465, 5.7628



69.3690, 44.6811, 89.1304



17.5310, 11.5702, 22.3363



# Inverse Universe

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



141.3000, 32.3901, 64.6349



150.4340, 46.1280, 91.7044



171.5400, -6.1822, -70.6336



100.4290, 2.7465, 5.7628



69.3690, 44.6811, 89.1304



17.5310, 11.5702, 22.3363



# Previews

## White Background



This preview shows how the YUV color 141.3000, 32.3901, 64.6349 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

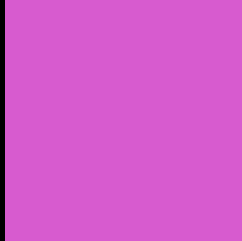
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 141.3000, 32.3901, 64.6349 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

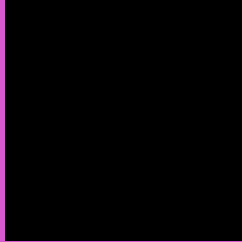
Any Text WCAG AA ✓ Pass

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 141.3000, 32.3901, 64.6349 Background



This preview shows how black text looks on a background with the YUV color 141.3000, 32.3901, 64.6349.



This preview shows how white text looks on a background with the YUV color 141.3000, 32.3901, 64.6349.



# 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

141.3000, 32.3901, 64.6349

### Protanopia

135.7860, 54.8285, -39.2773

### Deuteranopia

140.1590, 29.0086, -17.6794



## Tritanopia

142.1210, -9.9197, 55.1449

# Trichromacy



## Original Color

141.3000, 32.3901, 64.6349



## Protanomaly

137.5520, 46.5629, -1.3611



## Deuteranomaly

140.9870, 30.0794, 12.2894



## Tritanomaly

142.1550, 5.3466, 58.6231

# Monochromacy



## Original Color

141.3000, 32.3901, 64.6349



## Achromatopsia

141.0000, 0.0000, 0.0000



## Achromatomaly

141.2430, 11.7122, 23.4659

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.3000, 32.3901, 64.6349 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(215, 91, 207)` looks like.

```
.text, #text, p{  
    color:rgb(215, 91, 207)  
}
```

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(215, 91, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 91, 207) }
```

## Border

The CSS property to change the border of an element to YUV 141.3000, 32.3901, 64.6349 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(215, 91, 207) }
```



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

```
.border{ border-color:rgb(215, 91, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 91, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 91, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 91, 207);  
box-shadow:4px 4px 4px 4px rgb(215, 91,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 141.3000, 32.3901, 64.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 91, 207) }
```

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

```
.background{ background-color: rgb(215, 91,  
207) }
```

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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