

# Converting Colors

YUV(152.3460, 39.2694,  
51.4396)

Have a look what the booklet for  
YUV(152.3460, 39.2694, 51.4396)  
contains.

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# Color

**YUV(152.3460, 39.2694,  
51.4396)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D36BE8
RGB	211, 107, 232
RGB Percent	83%, 42%, 91%
CMY	0.1725, 0.5804, 0.0902
CMYK	0.09, 0.54, 0.00, 0.09
HSL	290°, 73%, 66%
HSV	290°, 54%, 91%
XYZ	46.6872, 30.1905, 79.7106
YIQ	152.3460, 21.8590, 60.9230

# Conversions

## Conversions Part 2

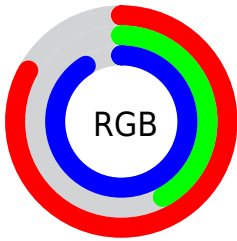
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 107, 232
Decimal	13855720
CIE Lab	61.82, 59.09, -46.08
CIE LCh	62, 74.932, 322.048
Yxy	30.1905, 0.2982, 0.1928
Android (android.graphics.Color)	4292045800 (0xFFD36BE8)
YUV	152.3460, 39.2694, 51.4396
Hunter-Lab	54.9459, 55.5151, -47.5506

# Details

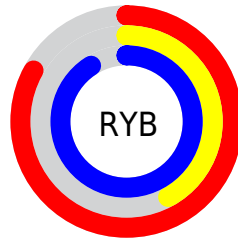
The YUV color **152.3460, 39.2694, 51.4396** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **186.6540, -39.2694, -51.4396**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4090, 26.9134, 47.8763**, and **96.6340, 39.1274, 50.3100** is the 20% darker color. If you saturate the color by 10%, you get **137.6490, 46.5150, 60.8208**, and if you desaturate by 10%, it is **167.0430, 32.0238, 42.0583**.

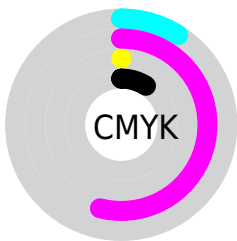
# Distribution



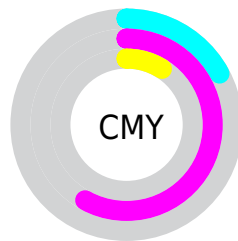
- Red (83%)
- Green (42%)
- Blue (91%)



- Red (83%)
- Yellow (42%)
- Blue (91%)



- Cyan (9%)
- Magenta (54%)
- Yellow (0%)
- Black (9%)




- Cyan (17%)
- Magenta (58%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 152.3460, 39.2694, 51.4396 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 152.3460, 39.2694, 51.4396 by changing the saturation by 10% instead.





 152.3460, 39.2694,  
51.4396


 152.3460, 39.2694,  
51.4396


255.0000, 0.0000,  
0.0000


 124.6340, 39.1274,  
50.3100


 200.4090, 26.9134,  
47.8763

 96.6340, 39.1274,  
50.3100


 216.8450, 18.8104,  
33.4619


 65.2260, 41.3006,  
53.2988

 233.8680, 10.4181,  
18.5328

 43.2100, 38.8435,  
48.0508

 251.4780, 1.7363,  
3.0888

 32.2870, 31.9035,  
33.9513

 22.3750, 24.9581,  
21.5961

 9.7720, 19.3394,

3.7080

■ 3.6650, 11.5042,  
-3.2142

■ 0.0000, 0.0000,  
0.0000

■ 152.3460, 39.2694,  
51.4396

■ 152.3460, 39.2694,  
51.4396

■ 137.6490, 46.5150,  
60.8208

■ 167.0430, 32.0238,  
42.0583

■ 122.9520, 53.7607,  
70.2021

■ 181.7400, 24.7782,  
32.6770

■ 107.6680, 61.2957,  
80.0982

■ 197.0240, 17.2432,  
22.7810

■ 92.9710, 68.5413,  
89.4794

■ 211.7210, 9.9975,  
13.3997

■ 84.1550, 72.8876,  
95.4571

■ 226.1190, 2.8993,  
3.4036

■ 240.8160, -4.3463,  
-5.9776

■ 247.2950, -7.5404,  
-8.1517

■ 248.4910, -8.1301,  
-5.6926

■ 249.6870, -8.7197,  
-3.2335

# Harmonies

## Analogous

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



142.6560, 55.3856, -31.2703



152.3460, 39.2694, 51.4396



141.4110, 14.0944, 99.6176

# Triad

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



152.3460, 39.2694, 51.4396



140.1860, -69.1117, 47.1949



127.5310, 34.2482, -111.8447

# Complementary

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



152.3460, 39.2694, 51.4396



186.6540, -39.2694, -51.4396

# 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.



119.1920, 4.8353, -104.5314



152.3460, 39.2694, 51.4396



133.9750, -66.0497, -1.7321

# Square

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



152.3460, 39.2694, 51.4396



141.7050, -49.1546, 86.2047



115.2790, -27.2525, -79.1747



131.6810, 60.3033, -115.4842



# Rectangle

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



152.3460, 39.2694, 51.4396



135.2210, -4.5460, 105.0462



115.2790, -27.2525, -79.1747



125.0230, 24.6387, -109.6452

# Sweetspot

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



152.3460, 39.2694, 51.4396



228.8400, 12.8969, 16.8033



134.7510, 47.9438, -24.3376



111.8300, 7.9718, 9.7961



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.



152.3460, 39.2694, 51.4396



149.1860, 52.1663, 68.2429



154.0650, 18.7020, 68.3490



107.3580, 3.7675, 4.9480



64.9570, 56.2232, 73.7057



18.3720, 16.0856, 20.7218



# Inverse Universe

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



146.7690, -9.2531, 74.7476



141.8260, -12.2392, 99.2536



184.9350, -18.7020, -68.3490



106.8160, -0.8953, 7.1774



56.9410, -13.2819, 107.0457

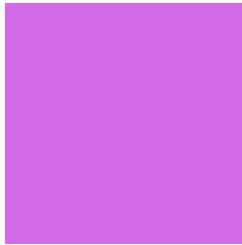


16.2750, -3.5866, 30.4538



# Previews

## White Background



This preview shows how the YUV color 152.3460, 39.2694, 51.4396 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

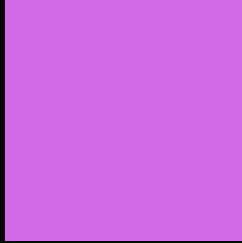
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.3460, 39.2694, 51.4396 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

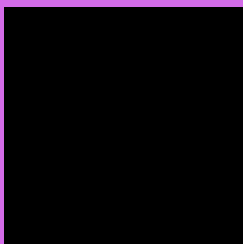
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 152.3460, 39.2694, 51.4396

## Background



This preview shows how black text looks on a background with the YUV color 152.3460, 39.2694, 51.4396.



This preview shows how white text looks on a background with the YUV color 152.3460, 39.2694, 51.4396.



# 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

152.3460, 39.2694, 51.4396

### Protanopia

145.2700, 54.0969, -37.9478

### Deuteranopia

147.3840, 37.7717, -28.4008



## Tritanopia

151.7710, -5.8031, 41.4198

# Trichromacy



## Original Color

152.3460, 39.2694, 51.4396



## Protanomaly

148.1000, 48.7577, -5.3497



## Deuteranomaly

149.3860, 38.2637, 0.5385



## Tritanomaly

152.0330, 10.3367, 44.6981

# Monochromacy



## Original Color

152.3460, 39.2694, 51.4396



## Achromatopsia

152.0000, 0.0000, 0.0000



## Achromatomaly

152.1930, 14.2019, 18.2477

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.3460, 39.2694, 51.4396 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(211, 107, 232)` looks like.

```
.text, #text, p{  
    color:rgb(211, 107, 232)  
}
```

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(211, 107, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 107, 232) }
```

## Border

The CSS property to change the border of an element to YUV 152.3460, 39.2694, 51.4396 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(211, 107, 232) }
```



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

```
.border{ border-color:rgb(211, 107, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 107, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 107, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 107, 232); box-shadow:4px 4px 4px 4px rgb(211, 107, 232) }
```

# Background

The CSS property to change the background color of an element to YUV 152.3460, 39.2694, 51.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 107, 232) }
```

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

```
.background{ background-color: rgb(211,  
107, 232) }
```

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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