

# Converting Colors

YUV(166.4250, 25.9195,  
39.9693)

Have a look what the booklet for  
YUV(166.4250, 25.9195, 39.9693)  
contains.

<b>YUV(166.4250, 25.9195, 39.9693)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(166.4250, 25.9195,  
39.9693)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D485DB
RGB	212, 133, 219
RGB Percent	83%, 52%, 86%
CMY	0.1686, 0.4784, 0.1412
CMYK	0.03, 0.39, 0.00, 0.14
HSL	295°, 54%, 69%
HSV	295°, 39%, 86%
XYZ	48.3251, 35.8866, 71.3976
YIQ	166.4250, 19.4780, 43.4940

# Conversions

## Conversions Part 2

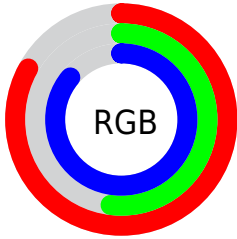
Format	Color
R <sub>Y</sub> B	212, 133, 219
Decimal	13927899
CIE Lab	66.43, 43.75, -31.63
CIE LCh	66, 53.989, 324.137
Yxy	35.8866, 0.3106, 0.2306
Android (android.graphics.Color)	4292117979 (0xFFD485DB)
YUV	166.4250, 25.9195, 39.9693
Hunter-Lab	59.9054, 39.1597, -28.7304

# Details

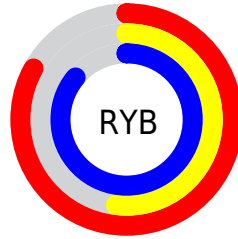
The YUV color **166.4250, 25.9195, 39.9693** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **185.5750, -25.9195, -39.9693**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6710, 19.3892, 34.4915**, and **112.8870, 25.1987, 37.8101** is the 20% darker color. If you saturate the color by 10%, you get **152.9130, 32.5809, 50.0653**, and if you desaturate by 10%, it is **179.9370, 19.2581, 29.8733**.

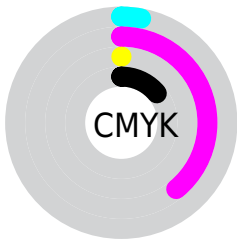
# Distribution



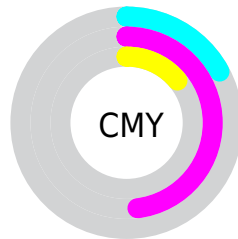
- Red (83%)
- Green (52%)
- Blue (86%)



- Red (83%)
- Yellow (52%)
- Blue (86%)



- Cyan (3%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)




- Cyan (17%)
- Magenta (48%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 166.4250, 25.9195, 39.9693 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 166.4250, 25.9195, 39.9693 by changing the saturation by 10% instead.




 166.4250, 25.9195,  
39.9693


 166.4250, 25.9195,  
39.9693


255.0000, 0.0000,  
0.0000


 139.5990, 25.3407,  
38.9397


 215.6710, 19.3892,  
34.4915


 112.8870, 25.1987,  
37.8101


 232.1070, 11.2862,  
20.0772

 87.0610, 24.6199,  
36.7805

 249.1300, 2.8939,  
5.1480

 60.1750, 25.0567,  
36.6805

 32.9410, 26.6511,  
38.6397

 22.7300, 19.8531,  
25.6698

 13.3450, 13.6339,

13.7294

■ 2.6390, 7.5730,  
-2.3144

■ 0.0000, 0.0000,  
0.0000

■ 166.4250, 25.9195,  
39.9693

■ 166.4250, 25.9195,  
39.9693

■ 152.9130, 32.5809,  
50.0653

■ 179.9370, 19.2581,  
29.8733

■ 139.4010, 39.2423,  
60.1613

■ 193.4490, 12.5966,  
19.7772

■ 126.1880, 45.7563,  
70.8721

■ 206.6620, 6.0826,  
9.0664

■ 112.6760, 52.4177,  
80.9681

■ 220.1740, -0.5788,  
-1.0296

■ 99.7510, 58.7898,  
90.5494

■ 233.6860, -7.2402,  
-11.1256

■ 86.2390, 65.4512,  
100.6454

■ 241.3280,  
-11.0077, -16.0737

■ 85.0650, 66.0300,  
101.6750

■ 241.6270,  
-11.1551, -15.4589

■ 242.2250,  
-11.4499, -14.2293

■ 242.8230,  
-11.7447, -12.9998

# Harmonies

## Analogous

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



162.5630, 43.1064, -12.7718



166.4250, 25.9195, 39.9693



163.4170, 4.7244, 71.5483

# Triad

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



166.4250, 25.9195, 39.9693



157.4290, -47.5395, 34.7038



131.3950, 33.8223, -115.2334

# Complementary

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



166.4250, 25.9195, 39.9693



185.5750, -25.9195, -39.9693

# 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.



125.6950, 11.9824, -110.2345



166.4250, 25.9195, 39.9693



152.9790, -41.8946, -2.6126

# Square

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



166.4250, 25.9195, 39.9693



159.6620, -37.3014, 64.3174



144.1980, -20.8036, -47.5316



133.4930, 52.0150, -117.0734



# Rectangle

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



166.4250, 25.9195, 39.9693



161.1610, -10.4324, 79.6658



144.1980, -20.8036, -47.5316



130.1580, 26.5441, -114.1486

# Sweetspot

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



166.4250, 25.9195, 39.9693



236.2050, 9.2659, 14.7292



146.9130, 35.5389, -12.2017



116.8360, 5.5039, 8.0368



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.



166.4250, 25.9195, 39.9693



181.5700, 36.2010, 55.6281



164.4140, 9.1629, 47.8719



103.2440, 3.3307, 5.0480



67.2630, 52.1283, 80.4533



17.8020, 13.9016, 21.2216



# Inverse Universe

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



159.5120, -9.6194, 52.1710



172.0200, -13.3209, 72.7735



187.5860, -9.1629, -47.8719



102.4030, -1.1847, 6.6626



53.3230, -19.3862, 104.9567



14.2100, -5.0335, 27.8798



# Previews

## White Background



This preview shows how the YUV color 166.4250, 25.9195, 39.9693 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

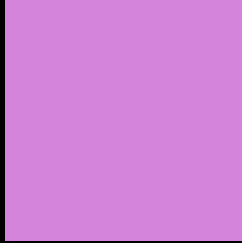
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 166.4250, 25.9195, 39.9693 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

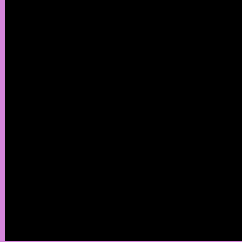
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 166.4250, 25.9195, 39.9693

## Background



This preview shows how black text looks on a background with the YUV color 166.4250, 25.9195, 39.9693.



This preview shows how white text looks on a background with the YUV color 166.4250, 25.9195,



# 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

166.4250, 25.9195, 39.9693

### Protanopia

161.0580, 38.9184, -22.8529

### Deuteranopia

162.2800, 25.4980, -11.6466



## Tritanopia

164.5960, -3.7448, 34.5573

# Trichromacy



## Original Color

166.4250, 25.9195, 39.9693



## Protanomaly

163.2350, 33.9011, -0.2061



## Deuteranomaly

164.1020, 25.5857, 6.9265



## Tritanomaly

165.1800, 7.3063, 36.6761

# Monochromacy



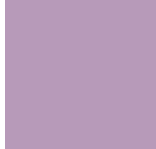
## Original Color

166.4250, 25.9195, 39.9693



## Achromatopsia

166.0000, 0.0000, 0.0000



## Achromatomaly

166.2050, 9.2659, 14.7292

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 166.4250, 25.9195, 39.9693 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(212, 133, 219)` looks like.

```
.text, #text, p{  
    color:rgb(212, 133, 219)  
}
```

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(212, 133, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 133, 219) }
```

## Border

The CSS property to change the border of an element to YUV 166.4250, 25.9195, 39.9693 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(212, 133, 219) }
```



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

```
.border{ border-color:rgb(212, 133, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 133, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 133, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 133, 219);  
box-shadow:4px 4px 4px 4px rgb(212, 133,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 166.4250, 25.9195, 39.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 133, 219) }
```

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

```
.background{ background-color: rgb(212,  
133, 219) }
```

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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