

# Converting Colors

YUV(145.8140, 39.5317,  
60.6761)

Have a look what the booklet for  
YUV(145.8140, 39.5317, 60.6761)  
contains.

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# Color

**YUV(145.8140, 39.5317,  
60.6761)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D75FE2
RGB	215, 95, 226
RGB Percent	84%, 37%, 89%
CMY	0.1569, 0.6275, 0.1137
CMYK	0.05, 0.58, 0.00, 0.11
HSL	295°, 69%, 63%
HSV	295°, 58%, 89%
XYZ	45.8440, 28.1225, 74.9634
YIQ	145.8140, 29.4690, 66.1810

# Conversions

## Conversions Part 2

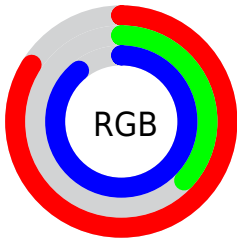
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	215, 95, 226
Decimal	14114786
CIE Lab	60.00, 64.54, -45.57
CIE LCh	60, 79.002, 324.775
Yxy	28.1225, 0.3078, 0.1888
Android (android.graphics.Color)	4292304866 (0xFFD75FE2)
YUV	145.8140, 39.5317, 60.6761
Hunter-Lab	53.0306, 61.5064, -46.6902

# Details

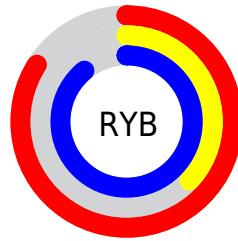
The YUV color **145.8140, 39.5317, 60.6761** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **175.1860, -39.5317, -60.6761**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9520, 30.0967, 53.5391**, and **86.2810, 41.2735, 62.0206** is the 20% darker color. If you saturate the color by 10%, you get **131.7150, 46.4825, 71.2869**, and if you desaturate by 10%, it is **159.9130, 32.5809, 50.0653**.

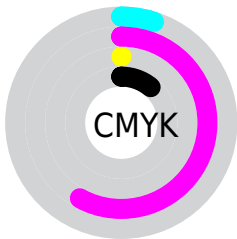
# Distribution



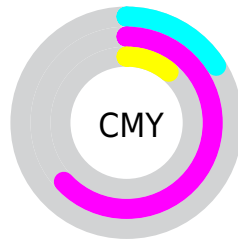
- Red (84%)
- Green (37%)
- Blue (89%)



- Red (84%)
- Yellow (37%)
- Blue (89%)



- Cyan (5%)
- Magenta (58%)
- Yellow (0%)
- Black (11%)




- Cyan (16%)
- Magenta (63%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 145.8140, 39.5317, 60.6761 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 145.8140, 39.5317, 60.6761 by changing the saturation by 10% instead.





 145.8140, 39.5317,  
60.6761


 145.8140, 39.5317,  
60.6761


255.0000, 0.0000,  
0.0000


 116.9280, 39.9685,  
60.5761


 193.9520, 30.0967,  
53.5391


 86.2810, 41.2735,  
62.0206


 210.9750, 21.7043,  
38.6099


 54.8730, 43.4466,  
65.0094

 227.4110, 13.6014,  
24.1956

 43.5370, 36.2173,  
50.3951

 245.0210, 4.9196,  
8.7516

 32.6140, 29.2773,  
36.2955

 22.7020, 22.3319,  
23.9403

 9.8000, 16.8606,

5.4374

■ 3.0950, 9.3202,  
-2.7143

■ 0.0000, 0.0000,  
0.0000

■ 145.8140, 39.5317,  
60.6761

■ 145.8140, 39.5317,  
60.6761

■ 131.7150, 46.4825,  
71.2869

■ 159.9130, 32.5809,  
50.0653

■ 118.2030, 53.1439,  
81.3830

■ 173.4250, 25.9195,  
39.9693

■ 104.1040, 60.0947,  
91.9938

■ 187.5240, 18.9687,  
29.3585

■ 90.5920, 66.7561,  
102.0898

■ 201.0360, 12.3073,  
19.2624

87.6570, 68.2031,  
104.6638

214.8360, 5.5039,  
8.0368

228.9350, -1.4470,  
-2.5740

242.4470, -8.1084,  
-12.6700

244.2190, -8.9820,  
-12.4701

244.8170, -9.2768,  
-11.2405

# Harmonies

## Analogous

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



139.7430, 56.8217, -25.2076



145.8140, 39.5317, 60.6761



130.8790, 14.3567, 108.8541

# Triad

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



145.8140, 39.5317, 60.6761



135.7340, -66.9169, 43.2063



125.6390, 37.1530, -110.1854

# Complementary

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



145.8140, 39.5317, 60.6761



175.1860, -39.5317, -60.6761

# 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.



116.9580, 6.4297, -102.5722



145.8140, 39.5317, 60.6761



128.0280, -63.1178, -8.7946

# Square

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



145.8140, 39.5317, 60.6761



135.3540, -56.8695, 87.3895



105.5870, -24.4464, -92.5998



128.8600, 62.1870, -113.0102



# Rectangle

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



145.8140, 39.5317, 60.6761



126.1080, -6.4622, 113.0383



105.5870, -24.4464, -92.5998



123.0170, 27.1066, -107.8859

# Sweetspot

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



145.8140, 39.5317, 60.6761



228.5630, 13.0334, 19.6772



117.5650, 53.4585, -19.7895



111.8410, 7.9664, 11.5404



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.



145.8140, 39.5317, 60.6761



146.0290, 53.7227, 82.4126



143.1750, 15.1967, 72.6375



105.2440, 3.3307, 5.0480



68.2030, 53.1439, 81.3830



18.6280, 14.4804, 22.2512



# Inverse Universe

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



135.4230, -14.5055, 79.4360



131.8180, -20.1233, 108.0306



177.8250, -15.1967, -72.6375



104.4030, -1.1847, 6.6626



54.3340, -19.3917, 106.7011

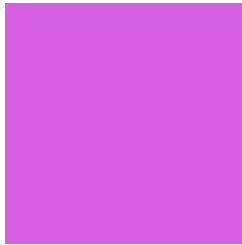


14.8080, -5.3283, 29.1094



# Previews

## White Background



This preview shows how the YUV color 145.8140, 39.5317, 60.6761 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

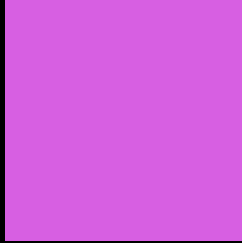
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 145.8140, 39.5317, 60.6761 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

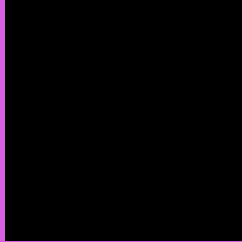
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 145.8140, 39.5317, 60.6761

## Background



This preview shows how black text looks on a background with the YUV color 145.8140, 39.5317, 60.6761.



This preview shows how white text looks on a background with the YUV color 145.8140, 39.5317,

60.6761.

# 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

145.8140, 39.5317, 60.6761

### Protanopia

139.3450, 57.0179, -41.5216

### Deuteranopia

142.7540, 36.6033, -26.9713



## Tritanopia

146.5440, -8.1562, 49.5119

# Trichromacy



## Original Color

145.8140, 39.5317, 60.6761



## Protanomaly

141.5670, 50.4995, -4.0053



## Deuteranomaly

143.5930, 37.6687, 4.7419



## Tritanomaly

146.4470, 9.1466, 53.1050

# Monochromacy



## Original Color

145.8140, 39.5317, 60.6761



## Achromatopsia

146.0000, 0.0000, 0.0000



## Achromatomaly

145.6280, 14.4804, 22.2512

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.8140, 39.5317, 60.6761 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, 95, 226)` looks like.

```
.text, #text, p{  
    color:rgb(215, 95, 226)  
}
```

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, 95, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 95, 226) }
```

## Border

The CSS property to change the border of an element to YUV 145.8140, 39.5317, 60.6761 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, 95, 226) }
```



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

```
.border{ border-color:rgb(215, 95, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 95, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 95, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 95, 226);  
box-shadow:4px 4px 4px 4px rgb(215, 95,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 145.8140, 39.5317, 60.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 95, 226) }
```

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

```
.background{ background-color: rgb(215, 95,  
226) }
```

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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