

# Converting Colors

YUV(139.5790, 42.6056,  
54.7432)

Have a look what the booklet for  
YUV(139.5790, 42.6056, 54.7432)  
contains.

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# Color

**YUV(139.5790, 42.6056,  
54.7432)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA5BE2
RGB	202, 91, 226
RGB Percent	79%, 36%, 89%
CMY	0.2078, 0.6431, 0.1137
CMYK	0.11, 0.60, 0.00, 0.11
HSL	289°, 70%, 62%
HSV	289°, 60%, 89%
XYZ	41.8257, 25.5297, 74.6748
YIQ	139.5790, 22.8210, 65.5170

# Conversions

## Conversions Part 2

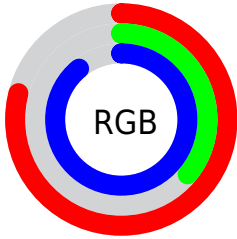
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	202, 91, 226
Decimal	13261794
CIE Lab	57.59, 63.12, -49.50
CIE LCh	58, 80.214, 321.897
Yxy	25.5297, 0.2945, 0.1797
Android (android.graphics.Color)	4291451874 (0xFFCA5BE2)
YUV	139.5790, 42.6056, 54.7432
Hunter-Lab	50.5269, 59.3383, -52.2570

# Details

The YUV color **139.5790, 42.6056, 54.7432** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **177.4210, -42.6056, -54.7432**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6040, 31.2542, 55.5983**, and **80.9320, 43.9105, 56.1876** is the 20% darker color. If you saturate the color by 10%, you get **124.8820, 49.8512, 64.1245**, and if you desaturate by 10%, it is **154.2760, 35.3599, 45.3619**.

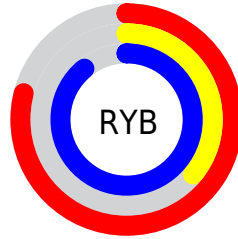
# Distribution



Red (79%)

Green (36%)

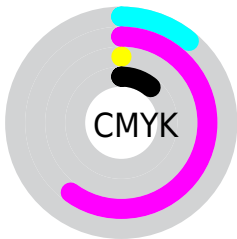
Blue (89%)



Red (79%)

Yellow (36%)

Blue (89%)

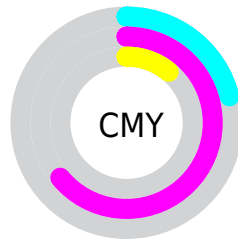


Cyan (11%)

Magenta (60%)

Yellow (0%)

Black (11%)



Cyan (21%)

Magenta (64%)


Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 139.5790, 42.6056, 54.7432 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 139.5790, 42.6056, 54.7432 by changing the saturation by 10% instead.





 139.5790, 42.6056,  
54.7432


 139.5790, 42.6056,  
54.7432


255.0000, 0.0000,  
0.0000


 111.2800, 42.7530,  
54.1284


 191.6040, 31.2542,  
55.5983

 80.9320, 43.9105,  
56.1876


 208.0400, 23.1513,  
41.1839


 51.2850, 45.2155,  
57.6321

 225.0630, 14.7589,  
26.2547

 39.9490, 37.9861,  
43.0177

 242.0860, 6.3666,  
11.3256

 28.9120, 30.6094,  
29.0182

 18.7010, 23.8114,  
16.0482

 5.0160, 19.2191,

-4.3990

■ 3.0950, 9.3202,  
-2.7143

■ 0.0000, 0.0000,  
0.0000

■ 139.5790, 42.6056,  
54.7432

■ 139.5790, 42.6056,  
54.7432

■ 124.8820, 49.8512,  
64.1245

■ 154.2760, 35.3599,  
45.3619

■ 110.7720, 56.8074,  
72.9910

■ 168.3860, 28.4037,  
36.4955

■ 96.0750, 64.0530,  
82.3722

■ 183.0830, 21.1581,  
27.1142

■ 81.9650, 71.0093,  
91.2387

■ 197.1930, 14.2019,  
18.2477

81.3780, 71.2986,  
91.7535

211.8900, 6.9562,  
8.8665

226.5870, -0.2894,  
-0.5148

240.6970, -7.2456,  
-9.3813

245.4150, -9.5716,  
-10.0110

246.6110,  
-10.1612, -7.5518

# Harmonies

## Analogous

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



128.7240, 62.2541, -40.9769



139.5790, 42.6056, 54.7432



123.8130, 17.8402, 111.5430

# Triad

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



139.5790, 42.6056, 54.7432



130.4400, -64.3069, 46.0951



120.7490, 33.6477, -105.8969

# Complementary

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



139.5790, 42.6056, 54.7432



177.4210, -42.6056, -54.7432

# 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.



111.2530, 2.3403, -97.5689



139.5790, 42.6056, 54.7432



123.3320, -60.8027, -4.6762

# Square

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



139.5790, 42.6056, 54.7432



127.7720, -54.1176, 91.4080



99.6540, -29.4094, -87.3966



125.1270, 60.5764, -109.7364



# Rectangle

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



139.5790, 42.6056, 54.7432



117.4170, -1.6846, 120.6603



99.6540, -29.4094, -87.3966



118.0130, 23.1646, -103.4974

# Sweetspot

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



139.5790, 42.6056, 54.7432



225.6060, 14.4912, 18.7625



121.0650, 51.7330, -26.3670



109.4820, 9.1294, 11.8553



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.



139.5790, 42.6056, 54.7432



137.1250, 58.1124, 74.4354



141.8530, 20.2855, 73.7969



104.9450, 3.4781, 4.4332



63.4190, 55.5024, 71.5465



17.4320, 15.0700, 19.7921



# Inverse Universe

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



134.1010, -9.4168, 80.5954



129.7780, -12.7086, 109.8197



175.1470, -20.2855, -73.7969



104.5170, -0.7479, 6.5626



56.1580, -12.4029, 105.1014

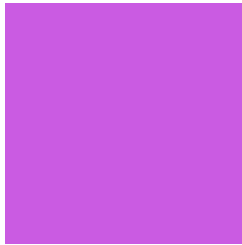


15.3780, -3.1444, 28.6095



# Previews

## White Background



This preview shows how the YUV color 139.5790, 42.6056, 54.7432 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

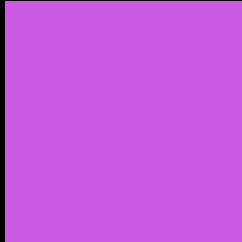
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 139.5790, 42.6056, 54.7432 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

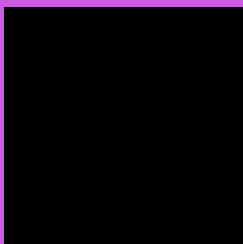
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 139.5790, 42.6056, 54.7432

## Background



This preview shows how black text looks on a background with the YUV color 139.5790, 42.6056, 54.7432.



This preview shows how white text looks on a background with the YUV color 139.5790, 42.6056, 54.7432.



# 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

139.5790, 42.6056, 54.7432

### Protanopia

131.3380, 60.9654, -47.6544

### Deuteranopia

135.0350, 40.4087, -34.2337



## Tritanopia

140.8420, -6.8241, 42.2346

# Trichromacy



## Original Color

139.5790, 42.6056, 54.7432



## Protanomaly

134.1470, 54.1575, -10.6529



## Deuteranomaly

137.0590, 40.8899, -1.8057



## Tritanomaly

140.5710, 11.0575, 46.8572

# Monochromacy



## Original Color

139.5790, 42.6056, 54.7432



## Achromatopsia

140.0000, 0.0000, 0.0000



## Achromatomaly

139.8450, 15.3594, 20.3069

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.5790, 42.6056, 54.7432 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(202, 91, 226)` looks like.

```
.text, #text, p{  
  color:rgb(202, 91, 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(202, 91, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 91, 226) }
```

## Border

The CSS property to change the border of an element to YUV 139.5790, 42.6056, 54.7432 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(202, 91, 226) }
```



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

```
.border{ border-color:rgb(202, 91, 226) }
```

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

Here you see how a box with a 4 pixel rgb(202, 91, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 91, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 91, 226);  
box-shadow:4px 4px 4px 4px rgb(202, 91,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 139.5790, 42.6056, 54.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 91, 226) }
```

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

```
.background{ background-color: rgb(202, 91,  
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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