

# Converting Colors

YUV(140.7140, 51.4130,  
76.5498)

Have a look what the booklet for  
YUV(140.7140, 51.4130, 76.5498)  
contains.

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# Color

**YUV(140.7140, 51.4130,  
76.5498)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E44CF5
RGB	228, 76, 245
RGB Percent	89%, 30%, 96%
CMY	0.1059, 0.7020, 0.0392
CMYK	0.07, 0.69, 0.00, 0.04
HSL	294°, 89%, 63%
HSV	294°, 69%, 96%
XYZ	51.0608, 28.2554, 89.1488
YIQ	140.7140, 36.3430, 84.7830

# Conversions

## Conversions Part 2

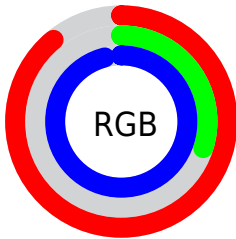
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 76, 245
Decimal	14961909
CIE Lab	60.12, 78.36, -55.86
CIE LCh	60, 96.237, 324.515
Yxy	28.2554, 0.3031, 0.1677
Android (android.graphics.Color)	4293151989 (0xFFE44CF5)
YUV	140.7140, 51.4130, 76.5498
Hunter-Lab	53.1558, 78.4420, -62.2275

# Details

The YUV color **140.7140, 51.4130, 76.5498** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **180.2860, -51.4130, -76.5498**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1470, 34.4375, 61.2611**, and **71.6640, 57.3536, 84.4867** is the 20% darker color. If you saturate the color by 10%, you get **125.4410, 58.9426, 88.1902**, and if you desaturate by 10%, it is **155.4000, 44.1728, 65.4242**.

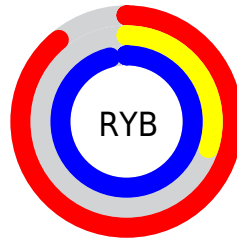
# Distribution



Red (89%)

Green (30%)

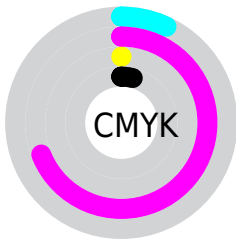
Blue (96%)



Red (89%)

Yellow (30%)

Blue (96%)

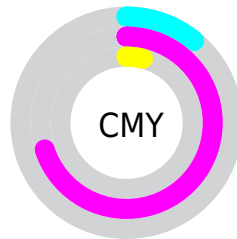


Cyan (7%)

Magenta (69%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (70%)


Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 140.7140, 51.4130, 76.5498 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 140.7140, 51.4130, 76.5498 by changing the saturation by 10% instead.





 140.7140, 51.4130,  
76.5498


 140.7140, 51.4130,  
76.5498


255.0000, 0.0000,  
0.0000


 107.3060, 53.5861,  
79.5386


 185.1470, 34.4375,  
61.2611

 71.6640, 57.3536,  
84.4867


 202.7570, 25.7558,  
45.8171


 59.8010, 49.3981,  
69.4575

 219.7800, 17.3635,  
30.8879

 48.4650, 42.1688,  
54.8432

 237.3900, 8.6817,  
15.4440

 36.7160, 34.6500,  
39.7141

 26.2060, 27.9994,  
26.1293

 13.4890, 21.9439,

8.3411

■ 5.1640, 14.7091,  
-4.5288

■ 1.2540, 4.8048,  
-1.0998

■ 140.7140, 51.4130,  
76.5498

■ 140.7140, 51.4130,  
76.5498

■ 125.4410, 58.9426,  
88.1902

■ 155.4000, 44.1728,  
65.4242

■ 110.4560, 66.3302,  
98.7011

■ 170.9720, 36.4958,  
54.3986

■ 95.1830, 73.8598,  
110.3415

■ 186.2450, 28.9662,  
42.7581

■ 93.7100, 74.5860,  
110.7563

■ 201.2300, 21.5786,  
32.2473

216.5030, 14.0490,  
20.6069

231.4880, 6.6614,  
10.0960

246.1740, -0.5788,  
-1.0296

251.7670, -3.3361,  
-3.3037

252.3650, -3.6309,  
-2.0741

# Harmonies

## Analogous

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



129.5990, 61.8227, -42.6213



140.7140, 51.4130, 76.5498



94.9410, 34.0461, 140.3717

# Triad

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



140.7140, 51.4130, 76.5498



136.3430, -67.2171, 46.1802



130.0560, 41.3844, -114.0591

# Complementary

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



140.7140, 51.4130, 76.5498



180.2860, -51.4130, -76.5498

# 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.



118.8500, 3.5250, -104.2314



140.7140, 51.4130, 76.5498



126.7990, -62.5119, -16.4867

# Square

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



140.7140, 51.4130, 76.5498



130.2160, -64.1965, 104.1736



104.5150, -38.7079, -91.6597



132.3820, 60.4507, -116.0990



# Rectangle

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



140.7140, 51.4130, 76.5498



88.5570, 9.5854, 145.9705



104.5150, -38.7079, -91.6597



126.7500, 28.7172, -111.1598

# Sweetspot

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



140.7140, 51.4130, 76.5498



221.8070, 16.3641, 24.7253



107.0060, 68.0310, -27.1923



108.0200, 9.8501, 14.0145



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.



140.7140, 51.4130, 76.5498



124.2770, 64.4464, 96.2271



138.3870, 20.5152, 93.4996



114.6570, 3.6201, 5.5628



71.1370, 56.6275, 84.0719



22.5730, 17.9585, 26.6845



# Inverse Universe

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



128.4690, -17.4862, 102.1977



108.8960, -21.6407, 128.1332



182.6130, -20.5152, -93.4996



113.7020, -1.3321, 7.2773



57.7800, -19.1185, 112.4489

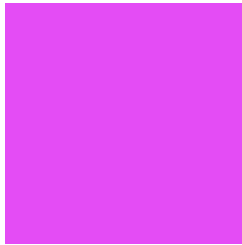


18.3250, -6.0762, 35.6720



# Previews

## White Background



This preview shows how the YUV color 140.7140, 51.4130, 76.5498 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

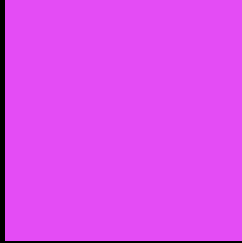
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 140.7140, 51.4130, 76.5498 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

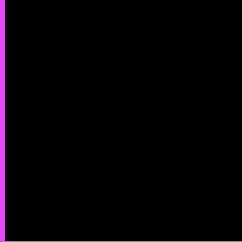
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 140.7140, 51.4130, 76.5498

## Background



This preview shows how black text looks on a background with the YUV color 140.7140, 51.4130, 76.5498.



This preview shows how white text looks on a background with the YUV color 140.7140, 51.4130,



# 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

140.7140, 51.4130, 76.5498

### Protanopia

139.6330, 56.8759, -42.6511

### Deuteranopia

139.5980, 46.5402, -40.8664



## Tritanopia

145.9150, -10.8041, 58.8335

# Trichromacy



## Original Color

140.7140, 51.4130, 76.5498



## Protanomaly

140.0390, 54.7038, 0.8428



## Deuteranomaly

140.0300, 48.2992, 1.7277



## Tritanomaly

143.6210, 12.0188, 65.2304

# Monochromacy



## Original Color

140.7140, 51.4130, 76.5498



## Achromatopsia

141.0000, 0.0000, 0.0000



## Achromatomaly

140.8120, 18.8267, 28.2289

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.7140, 51.4130, 76.5498 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(228, 76, 245)` looks like.

```
.text, #text, p{  
    color:rgb(228, 76, 245)  
}
```

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(228, 76, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 76, 245) }
```

## Border

The CSS property to change the border of an element to YUV 140.7140, 51.4130, 76.5498 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(228, 76, 245) }
```



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

```
.border{ border-color:rgb(228, 76, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 76, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 76, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 76, 245);  
box-shadow:4px 4px 4px 4px rgb(228, 76,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 140.7140, 51.4130, 76.5498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 76, 245) }
```

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

```
.background{ background-color: rgb(228, 76,  
245) }
```

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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