

# Converting Colors

YUV(176.4420, 26.8971,  
53.1094)

Have a look what the booklet for  
YUV(176.4420, 26.8971, 53.1094)  
contains.

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# Color

**YUV(176.4420, 26.8971,  
53.1094)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED87E7
RGB	237, 135, 231
RGB Percent	93%, 53%, 91%
CMY	0.0706, 0.4706, 0.0941
CMYK	0.00, 0.43, 0.03, 0.07
HSL	304°, 74%, 73%
HSV	304°, 43%, 93%
XYZ	58.0128, 41.1020, 80.4772
YIQ	176.4420, 29.9760, 51.4800

# Conversions

## Conversions Part 2

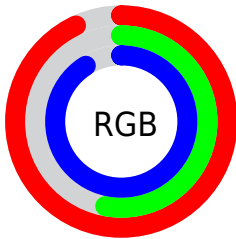
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 135, 231
Decimal	15566823
CIE Lab	70.25, 52.37, -32.13
CIE LCh	70, 61.442, 328.475
Yxy	41.1020, 0.3230, 0.2289
Android (android.graphics.Color)	4293756903 (0xFFED87E7)
YUV	176.4420, 26.8971, 53.1094
Hunter-Lab	64.1108, 49.3277, -29.5481

# Details

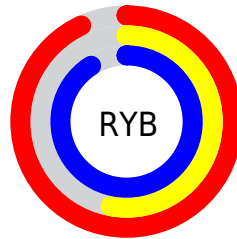
The YUV color **176.4420, 26.8971, 53.1094** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **195.5580, -26.8971, -53.1094**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4320, 18.5210, 32.9471**, and **121.0180, 26.6131, 50.8502** is the 20% darker color. If you saturate the color by 10%, you get **162.2400, 33.4057, 65.5645**, and if you desaturate by 10%, it is **190.6440, 20.3885, 40.6542**.

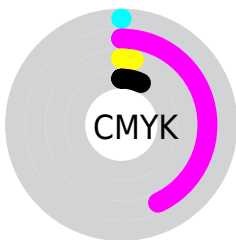
# Distribution



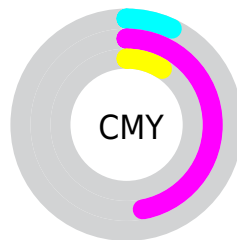
- Red (93%)
- Green (53%)
- Blue (91%)



- Red (93%)
- Yellow (53%)
- Blue (91%)



- Cyan (0%)
- Magenta (43%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (47%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 176.4420, 26.8971, 53.1094 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 176.4420, 26.8971, 53.1094 by changing the saturation by 10% instead.



176.4420, 26.8971,  
53.1094

176.4420, 26.8971,  
53.1094

255.0000, 0.0000,  
0.0000

148.7300, 26.7551,  
51.9798

217.4320, 18.5210,  
32.9471

121.0180, 26.6131,  
50.8502

233.8680, 10.4181,  
18.5328

93.7190, 26.7605,  
50.2354

250.8910, 2.0257,  
3.6036

65.0720, 28.0655,  
51.6799

40.0610, 28.0709,  
49.9355

29.5510, 21.4204,  
36.3508

20.0520, 14.7644,

24.5104

■ 5.8830, 10.9037,  
2.7336

■ 0.0000, 0.0000,  
0.0000

■ 176.4420, 26.8971,  
53.1094

■ 176.4420, 26.8971,  
53.1094

■ 162.2400, 33.4057,  
65.5645

■ 190.6440, 20.3885,  
40.6542

■ 148.5110, 39.1881,  
77.6049

■ 204.3730, 14.6061,  
28.6139

■ 134.3090, 45.6967,  
90.0600

■ 218.5750, 8.0975,  
16.1587

■ 119.9930, 51.7685,  
102.6151

■ 232.8910, 2.0257,  
3.6036

105.7910, 58.2770,  
115.0703

246.5060, -4.1935,  
-8.3368

96.2850, 62.4705,  
123.4071

247.7940, -4.3354,  
-9.4663

248.0220, -3.4618,  
-9.6663

248.1360, -3.0250,  
-9.7663

248.3640, -2.1515,  
-9.9662

# Harmonies

## Analogous

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



172.0480, 40.8953, -3.5501



176.4420, 26.8971, 53.1094



167.4500, 4.7082, 76.7814

# Triad

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



176.4420, 26.8971, 53.1094



165.5400, -55.9752, 33.7294



141.6480, 40.1065, -124.2253

# Complementary

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



176.4420, 26.8971, 53.1094



195.5580, -26.8971, -53.1094

# 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.



135.8510, 15.3565, -119.1413



176.4420, 26.8971, 53.1094



160.1970, -45.9461, -9.8198

# Square

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



176.4420, 26.8971, 53.1094



168.8060, -45.7534, 68.5761



147.7610, -18.1232, -67.3194



141.7740, 55.8204, -124.3358



# Rectangle

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



176.4420, 26.8971, 53.1094



164.4060, -12.0322, 79.4509



147.7610, -18.1232, -67.3194



140.1830, 31.9548, -122.9405

# Sweetspot

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



176.4420, 26.8971, 53.1094



235.4010, 8.6763, 17.1883



148.1230, 43.8164, -7.1239



115.4450, 5.2036, 11.0107



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.



176.4420, 26.8971, 53.1094



176.0170, 34.9946, 69.2681



170.7420, 5.0572, 58.1083



110.5430, 3.1833, 5.6628



73.4990, 47.5750, 94.2784



21.8460, 13.8799, 28.1991



# Inverse Universe

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



176.4420, 26.8971, 53.1094



176.0170, 34.9946, 69.2681



201.2580, -5.0572, -58.1083



110.5430, 3.1833, 5.6628



73.4990, 47.5750, 94.2784

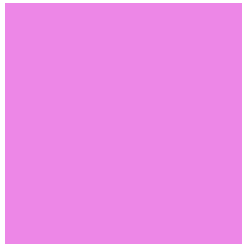


21.8460, 13.8799, 28.1991



# Previews

## White Background



This preview shows how the YUV color 176.4420, 26.8971, 53.1094 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

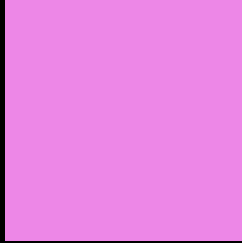
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 176.4420, 26.8971, 53.1094 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

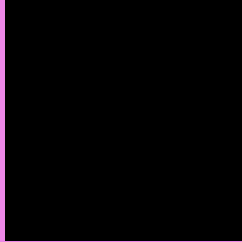
Any Text WCAG AA ✓ Pass

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 176.4420, 26.8971, 53.1094 Background



This preview shows how black text looks on a background with the YUV color 176.4420, 26.8971, 53.1094.



This preview shows how white text looks on a background with the YUV color 176.4420, 26.8971,



# 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

176.4420, 26.8971, 53.1094

### Protanopia

171.0300, 41.3972, -24.5823

### Deuteranopia

172.6930, 25.7874, -11.1318



## Tritanopia

174.6900, -6.2562, 46.7529

# Trichromacy



## Original Color

176.4420, 26.8971, 53.1094



## Protanomaly

173.1260, 35.9269, 3.3975



## Deuteranomaly

174.2490, 26.0062, 12.0596



## Tritanomaly

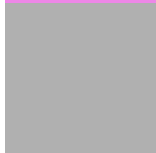
175.5020, 5.6685, 48.6717

# Monochromacy



## Original Color

176.4420, 26.8971, 53.1094



## Achromatopsia

176.0000, 0.0000, 0.0000



## Achromatomaly

176.0530, 9.8339, 19.2475

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 176.4420, 26.8971, 53.1094 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(237, 135, 231)` looks like.

```
.text, #text, p{  
    color:rgb(237, 135, 231)  
}
```

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(237, 135, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 135, 231) }
```

## Border

The CSS property to change the border of an element to YUV 176.4420, 26.8971, 53.1094 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(237, 135, 231) }
```



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

```
.border{ border-color:rgb(237, 135, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 135, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 135, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 135, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 135,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 176.4420, 26.8971, 53.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 135, 231) }
```

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

```
.background{ background-color: rgb(237,  
135, 231) }
```

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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