

# Converting Colors

YUV(138.1430, 57.6105,  
95.4676)

Have a look what the booklet for  
YUV(138.1430, 57.6105, 95.4676)  
contains.

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# Color

**YUV(138.1430, 57.6105,  
95.4676)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F73CFF
RGB	247, 60, 255
RGB Percent	97%, 24%, 100%
CMY	0.0314, 0.7647, 0.0000
CMYK	0.03, 0.76, 0.00, 0.00
HSL	298°, 100%, 62%
HSV	298°, 76%, 100%
XYZ	58.0236, 30.2259, 97.3837
YIQ	138.1430, 48.8570, 100.2890

# Conversions

## Conversions Part 2

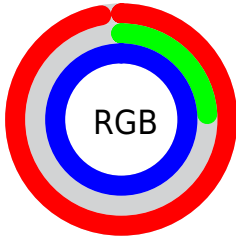
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	247, 60, 255
Decimal	16203007
CIE <sub>Lab</sub>	61.85, 88.60, -58.47
CIE <sub>LCh</sub>	62, 106.158, 326.577
Yxy	30.2259, 0.3126, 0.1628
Android (android.graphics.Color)	4294393087 (0xFFFF73CFF)
YUV	138.1430, 57.6105, 95.4676
Hunter-Lab	54.9781, 92.1766, -66.5369

# Details

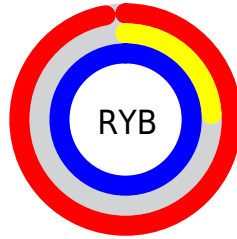
The YUV color **138.1430, 57.6105, 95.4676** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **176.8570, -57.6105, -95.4676**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8640, 37.0420, 65.8943**, and **78.0720, 58.6315, 94.6529** is the 20% darker color. If you saturate the color by 10%, you get **122.5820, 65.2821, 108.2376**, and if you desaturate by 10%, it is **153.7040, 49.9389, 82.6976**.

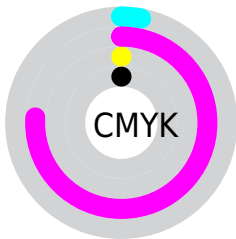
# Distribution



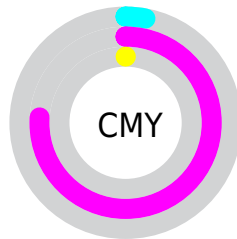
- Red (97%)
- Green (24%)
- Blue (100%)



- Red (97%)
- Yellow (24%)
- Blue (100%)



- Cyan (3%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (76%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 138.1430, 57.6105, 95.4676 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 138.1430, 57.6105, 95.4676 by changing the saturation by 10% instead.




 138.1430, 57.6105,  
95.4676


 138.1430, 57.6105,  
95.4676


255.0000, 0.0000,  
0.0000


 90.3480, 66.8764,  
110.1968


 179.8640, 37.0420,  
65.8943


 78.0720, 58.6315,  
94.6529


 198.0610, 28.0709,  
49.9355


 66.0240, 51.2602,  
78.9090


 215.6710, 19.3892,  
34.4915

 54.1610, 43.3046,  
63.8798

 233.8680, 10.4181,  
18.5328

 42.2270, 36.3701,  
48.0359

 251.4780, 1.7363,  
3.0888

 31.3040, 29.4301,  
33.9364

 19.1850, 23.0798,

17.3778

■ 4.9020, 18.7823,  
-4.2991

■ 2.9810, 8.8834,  
-2.6143

■ 138.1430, 57.6105,  
95.4676

■ 138.1430, 57.6105,  
95.4676

■ 122.5820, 65.2821,  
108.2376

■ 153.7040, 49.9389,  
82.6976

■ 107.6080, 72.6643,  
120.4928

■ 168.6780, 42.5567,  
70.4424

■ 102.3250, 75.2688,  
125.1260

■ 184.2390, 34.8852,  
57.6724

■ 199.2130, 27.5030,  
45.4172

■ 214.7740, 19.8314,  
32.6472

■ 229.7480, 12.4492,  
20.3920

■ 245.3090, 4.7777,  
7.6220

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



132.0020, 60.6380, -35.9588



138.1430, 57.6105, 95.4676



95.0550, 34.4829, 140.2718

# Triad

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



138.1430, 57.6105, 95.4676



140.4630, -69.2483, 44.3209



136.2170, 47.2210, -119.4623

# Complementary

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



138.1430, 57.6105, 95.4676



176.8570, -57.6105, -95.4676

# 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.



124.6860, 5.5778, -109.3496



138.1430, 57.6105, 95.4676



127.6190, -62.9162, -26.8529

# Square

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



138.1430, 57.6105, 95.4676



132.5970, -65.3703, 107.3474



107.9400, -43.3544, -94.6634



136.4910, 58.4249, -119.7026



# Rectangle

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



138.1430, 57.6105, 95.4676



87.9870, 7.4014, 146.4704



107.9400, -43.3544, -94.6634



132.6830, 33.6803, -116.3630

# Sweetspot

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



138.1430, 57.6105, 95.4676



219.7690, 17.3689, 29.1436



88.1000, 82.2817, -24.6437



106.2700, 10.7129, 17.3032



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.



138.1430, 57.6105, 95.4676



114.0650, 69.4810, 114.8300



130.5030, 17.9930, 109.1839



120.0700, 3.9095, 6.0776



76.4910, 56.4529, 93.4084



25.5350, 18.9632, 31.1028



# Inverse Universe

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



119.2170, -25.2500, 119.0817



91.4050, -30.2727, 143.4728



184.4970, -17.9930, -109.1839



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458



# Previews

## White Background



This preview shows how the YUV color 138.1430, 57.6105, 95.4676 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

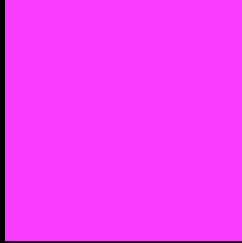
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.1430, 57.6105, 95.4676 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

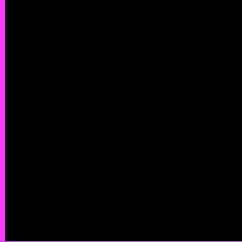
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 138.1430, 57.6105, 95.4676

## Background



This preview shows how black text looks on a background with the YUV color 138.1430, 57.6105, 95.4676.



This preview shows how white text looks on a background with the YUV color 138.1430, 57.6105, 95.4676.

95.4676.

# 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

138.1430, 57.6105, 95.4676

### Protanopia

144.6720, 54.3917, -39.1773

### Deuteranopia

143.7440, 48.4402, -43.6255



## Tritanopia

148.4930, -14.0470, 72.3586

# Trichromacy



## Original Color

138.1430, 57.6105, 95.4676



## Protanomaly

142.3220, 55.5503, 9.3646



## Deuteranomaly

141.6870, 51.9193, 7.2905



## Tritanomaly

144.7200, 11.9700, 80.9296

# Monochromacy



## Original Color

138.1430, 57.6105, 95.4676



## Achromatopsia

138.0000, 0.0000, 0.0000



## Achromatomaly

138.4260, 20.9890, 34.7064

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.1430, 57.6105, 95.4676 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(247, 60, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 60, 255)  
}
```

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(247, 60, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 60, 255) }
```

## Border

The CSS property to change the border of an element to YUV 138.1430, 57.6105, 95.4676 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(247, 60, 255) }
```



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

```
.border{ border-color:rgb(247, 60, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 60, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 60, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 60, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 60,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 138.1430, 57.6105, 95.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 60, 255) }
```

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

```
.background{ background-color: rgb(247, 60,  
255) }
```

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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