

# Converting Colors

YUV(143.3540, 16.5875,  
-0.3105)

Have a look what the booklet for  
YUV(143.3540, 16.5875, -0.3105)  
contains.

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# Color

**YUV(143.3540, 16.5875,  
-0.3105)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F89B1
RGB	143, 137, 177
RGB Percent	56%, 54%, 69%
CMY	0.4392, 0.4627, 0.3059
CMYK	0.19, 0.23, 0.00, 0.31
HSL	249°, 20%, 62%
HSV	249°, 23%, 69%
XYZ	28.2092, 26.9053, 45.3014
YIQ	143.3540, -9.2640, 13.7120

# Conversions

## Conversions Part 2

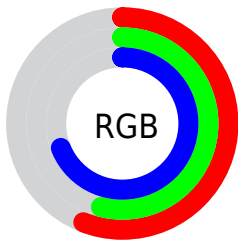
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">143, 137, 177</a>
Decimal	<a href="#">9406897</a>
CIELab	<a href="#">58.89, 10.73, -20.19</a>
CIElCh	<a href="#">59, 22.867, 297.990</a>
Yxy	<a href="#">26.9053, 0.2809, 0.2679</a>
Android (android.graphics.Color)	<a href="#">4287596977 (0xFF8F89B1)</a>
YUV	<a href="#">143.3540, 16.5875, -0.3105</a>
Hunter-Lab	<a href="#">51.8703, 6.3025, -15.4723</a>

# Details

The YUV color  $143.3540, 16.5875, -0.3105$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $170.6460, -16.5875, 0.3105$ , and the grayscale version is  $143.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $196.9950, 17.7505, 0.0044$ , and  $92.7130, 15.4245, -0.6253$  is the 20% darker color. If you saturate the color by 10%, you get  $128.3030, 24.0076, -0.2657$ , and if you desaturate by 10%, it is  $158.4050, 9.1673, -0.3552$ .

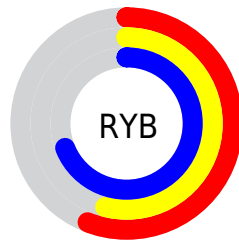
# Distribution



Red (56%)

Green (54%)

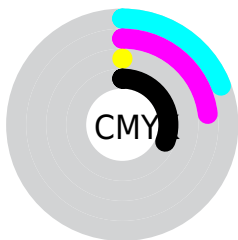
Blue (69%)



Red (56%)

Yellow (54%)

Blue (69%)

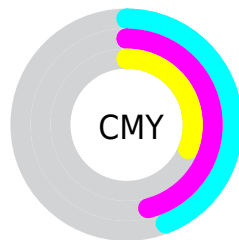


Cyan (19%)

Magenta (23%)

Yellow (0%)

Black (31%)



Cyan (44%)

Magenta (46%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.3540, 16.5875, -0.3105 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 143.3540, 16.5875, -0.3105 by changing the saturation by 10% instead.



■ 143.3540, 16.5875,  
-0.3105

■ 143.3540, 16.5875,  
-0.3105

■ 255.0000, 0.0000,  
0.0000

■ 117.8270, 15.8613,  
-0.7253

■ 196.9950, 17.7505,  
0.0044

■ 92.7130, 15.4245,  
-0.6253

■ 224.3110, 15.1297,  
0.6043

■ 69.1860, 14.6983,  
-1.0401

■ 250.0050, 2.4625,  
3.5036

■ 46.6590, 13.9721,  
-1.4549

■ 25.4200, 13.1039,  
-2.9993

■ 3.5340, 13.5407,  
-3.0993

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,  
0.0000

■ 143.3540, 16.5875,  
-0.3105

■ 143.3540, 16.5875,  
-0.3105

■ 128.3030, 24.0076,  
-0.2657

■ 158.4050, 9.1673,  
-0.3552

■ 113.8390, 31.1384,  
-0.7358

■ 172.8690, 2.0366,  
0.1149

■ 98.7880, 38.5585,  
-0.6911

■ 187.9200, -5.3836,  
0.0702

■ 83.7370, 45.9787,  
-0.6463

■ 202.9710,  
-12.8037, 0.0254

■ 68.6860, 53.3988,  
-0.6016

■ 217.4350,  
-19.9345, 0.4955

■ 54.2220, 60.5296,  
-1.0717

■ 232.4860,  
-27.3546, 0.4508

■ 39.1710, 67.9497,  
-1.0270

■ 244.0150,  
-33.0384, 3.4948

■ 28.2510, 73.3333,  
-1.0971

■ 246.1080,  
-34.0702, 7.7983

# Harmonies

## Analogous

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



139.5470, 20.4363, -21.5277



143.3540, 16.5875, -0.3105



145.1130, 8.8183, 18.3179

# Triad

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



143.3540, 16.5875, -0.3105



142.4090, -16.9636, 27.7053



133.2790, 3.3135, -36.2017

# Complementary

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



143.3540, 16.5875, -0.3105



170.6460, -16.5875, 0.3105

# 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.



136.1040, -7.9393, -20.2622



143.3540, 16.5875, -0.3105



141.0500, -19.2517, 14.8651

# Square

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



143.3540, 16.5875, -0.3105



143.6900, -9.7072, 33.5979



138.4500, -15.9978, -2.1486



131.9820, 13.8129, -43.8342



# Rectangle

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



143.3540, 16.5875, -0.3105



144.9740, 2.9708, 27.2098



138.4500, -15.9978, -2.1486



133.9870, -0.4866, -30.6836

# Sweetspot

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



143.3540, 16.5875, -0.3105



215.8350, 6.9833, 0.1447



161.5180, 7.6326, -21.5023



107.3250, 3.7838, -0.2850



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



143.3540, 16.5875, -0.3105



177.7590, 25.7548, -0.6656



149.3340, 13.6393, 11.9851



81.6240, 3.6364, 0.3298



24.3190, 63.4397, -1.1568



4.1600, 10.7671, -0.1403



# Inverse Universe

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



152.8360, 8.9549, 21.1918



192.4660, 13.5743, 32.9173



164.6660, -13.6393, -11.9851



83.6030, 2.1677, 4.7332



60.5670, 34.2305, 81.0637



10.2820, 5.7770, 13.7847



# Previews

## White Background



This preview shows how the YUV color 143.3540, 16.5875, -0.3105 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

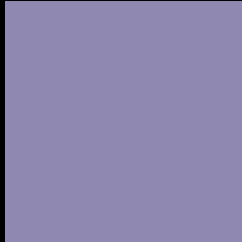
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 143.3540, 16.5875, -0.3105 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

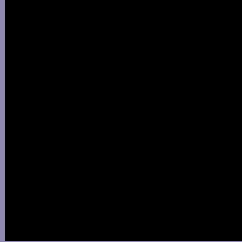
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 143.3540, 16.5875, -0.3105

## Background



This preview shows how black text looks on a background with the YUV color 143.3540, 16.5875, -0.3105.



This preview shows how white text looks on a background with the YUV color 143.3540, 16.5875, -0.3105.

-0.3105.

# 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

143.3540, 16.5875, -0.3105

### Protanopia

142.0540, 18.2144, -8.8174

### Deuteranopia

142.7340, 16.8931, -5.0287



## Tritanopia

141.7700, 5.5364, -2.4293

# Trichromacy



## Original Color

143.3540, 16.5875, -0.3105

## Protanomaly

142.5490, 17.4773, -5.7435

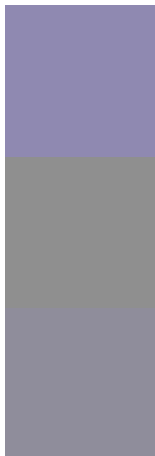
## Deuteranomaly

142.7450, 16.8877, -3.2844

## Tritanomaly

142.5080, 9.6096, -2.1995

# Monochromacy



## Original Color

143.3540, 16.5875, -0.3105

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

143.1940, 5.8204, -0.1701

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.3540, 16.5875, -0.3105 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(143, 137, 177)` looks like.

```
.text, #text, p{  
    color:rgb(143, 137, 177)  
}
```

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(143, 137, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 137, 177) }
```

## Border

The CSS property to change the border of an element to YUV 143.3540, 16.5875, -0.3105 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(143, 137, 177) }
```



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

```
.border{ border-color:rgb(143, 137, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 137, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 137, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 137, 177); box-shadow:4px 4px 4px 4px rgb(143, 137, 177) }
```

# Background

The CSS property to change the background color of an element to YUV 143.3540, 16.5875, -0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 137, 177) }
```

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

```
.background{ background-color: rgb(143,  
137, 177) }
```

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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