

# Converting Colors

YUV(140.4590, 0.7597, 36.4315)

Have a look what the booklet for  
YUV(140.4590, 0.7597, 36.4315)  
contains.

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# Color

**YUV(140.4590, 0.7597,  
36.4315)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B6778E</a>
RGB	<a href="#">182, 119, 142</a>
RGB Percent	<a href="#">71%, 47%, 56%</a>
CMY	<a href="#">0.2863, 0.5333, 0.4431</a>
CMYK	<a href="#">0.00, 0.35, 0.22, 0.29</a>
HSL	<a href="#">338°, 30%, 59%</a>
HSV	<a href="#">338°, 35%, 71%</a>
XYZ	<a href="#">30.7707, 25.0917, 28.8126</a>
YIQ	<a href="#">140.4590, 30.1650, 20.5090</a>

# Conversions

## Conversions Part 2

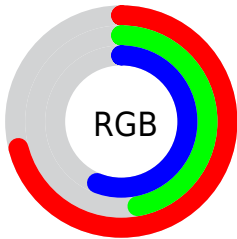
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 119, 142
Decimal	11958158
CIE <sub>Lab</sub>	57.16, 27.96, -2.26
CIE <sub>LCh</sub>	57, 28.049, 355.387
Yxy	25.0917, 0.3634, 0.2963
Android (android.graphics.Color)	4290148238 (0xFFB6778E)
YUV	140.4590, 0.7597, 36.4315
Hunter-Lab	50.0916, 21.9901, 0.9607

# Details

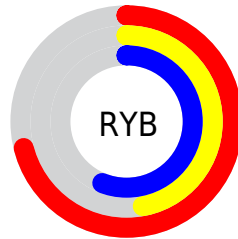
The YUV color **140.4590, 0.7597, 36.4315** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **160.5410, -0.7597, -36.4315**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7690, 0.6069, 38.7906**, and **89.2630, 1.3493, 33.9723** is the 20% darker color. If you saturate the color by 10%, you get **128.5250, 0.7272, 46.8976**, and if you desaturate by 10%, it is **152.3930, 0.7923, 25.9653**.

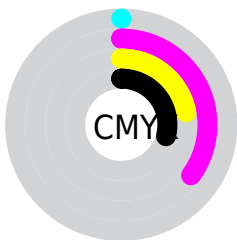
# Distribution



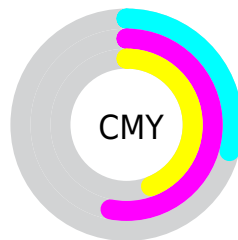
- Red (71%)
- Green (47%)
- Blue (56%)



- Red (71%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (29%)



- Cyan (29%)
- Magenta (53%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 140.4590, 0.7597, 36.4315 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 140.4590, 0.7597, 36.4315 by changing the saturation by 10% instead.





 140.4590, 0.7597,  
36.4315


 140.4590, 0.7597,  
36.4315


255.0000, 0.0000,  
0.0000

 114.4480, 0.7651,  
34.6871

 194.7690, 0.6069,  
38.7906


 89.2630, 1.3493,  
33.9723


 219.1810, 2.3758,  
31.4133

 65.2520, 1.3548,  
32.2280

 238.8090, 6.5032,  
14.1995

 40.8820, 2.5232,  
30.7985

 18.5120, 3.6916,  
29.3690

 8.7850, -3.8380,  
17.7286

 0.0000, 0.0000,

0.0000

■ 140.4590, 0.7597,  
36.4315

■ 140.4590, 0.7597,  
36.4315

■ 128.5250, 0.7272,  
46.8976

■ 152.3930, 0.7923,  
25.9653

■ 116.7050, 1.1314,  
57.2637

■ 164.2130, 0.3880,  
15.5992

■ 104.1840, 1.3883,  
68.2446

■ 176.7340, 0.1311,  
4.6183

■ 92.3640, 1.7925,  
78.6108

■ 188.5540, -0.2731,  
-5.7479

■ 80.4300, 1.7600,  
89.0769

■ 200.4880, -0.2406,  
-16.2140

■ 68.6100, 2.1643,  
99.4430

■ 212.3080, -0.6448,  
-26.5801

■ 61.9420, 2.0006,  
105.2909

■ 224.2420, -0.6123,  
-37.0462

■ 230.7790, 1.5880,  
-42.7792

■ 232.1470, 6.8295,  
-43.9789

# Harmonies

## Analogous

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



140.9330, 11.8650, 21.1068



140.4590, 0.7597, 36.4315



139.0930, -10.8918, 40.2604

# Triad

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



140.4590, 0.7597, 36.4315



133.3100, -20.3658, -1.1489



125.3040, 25.4861, -54.6406

# Complementary

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



140.4590, 0.7597, 36.4315



160.5410, -0.7597, -36.4315

# 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.



122.0940, 17.2087, -59.7184



140.4590, 0.7597, 36.4315



130.3980, -10.5492, -23.1510

# Square

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



140.4590, 0.7597, 36.4315



135.9320, -23.6305, 19.3536



125.5230, 3.1932, -44.3087



133.2730, 25.9944, -30.9344



# Rectangle

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



140.4590, 0.7597, 36.4315



138.6490, -17.5750, 37.1418



125.5230, 3.1932, -44.3087



123.1140, 23.6078, -58.8590

# Sweetspot

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



140.4590, 0.7597, 36.4315



221.2020, 0.3934, 13.8548



138.1420, 21.6220, 18.2925



110.1690, 0.4097, 8.6218



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



140.4590, 0.7597, 36.4315



171.7050, 1.1314, 57.2637



142.5330, -11.6018, 34.6126



86.0330, -0.0163, 5.2331



53.1420, 1.9020, 90.2065



9.5120, 0.2406, 16.2140



# Inverse Universe

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



140.4590, 0.7597, 36.4315



171.7050, 1.1314, 57.2637



158.4670, 11.6018, -34.6126



86.0330, -0.0163, 5.2331



53.1420, 1.9020, 90.2065



9.5120, 0.2406, 16.2140



# Previews

## White Background



This preview shows how the YUV color 140.4590, 0.7597, 36.4315 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

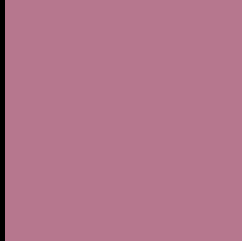
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 140.4590, 0.7597, 36.4315 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

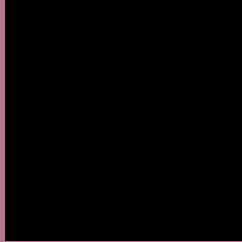
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 140.4590, 0.7597, 36.4315

## Background



This preview shows how black text looks on a background with the YUV color 140.4590, 0.7597, 36.4315.



This preview shows how white text looks on a background with the YUV color 140.4590, 0.7597,



# 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

140.4590, 0.7597, 36.4315

### Protanopia

138.5250, 7.1362, -2.2144

### Deuteranopia

138.7670, 0.1149, 9.8513



## Tritanopia

139.9660, -4.9132, 35.9868

# Trichromacy



## Original Color

140.4590, 0.7597, 36.4315

## Protanomaly

139.0430, 4.9088, 12.2403

## Deuteranomaly

139.5340, 0.2297, 19.7027

## Tritanomaly

139.8350, -2.8767, 36.1017

# Monochromacy



## Original Color

140.4590, 0.7597, 36.4315

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

139.9030, 0.5408, 13.2401

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.4590, 0.7597, 36.4315 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(182, 119, 142)` looks like.

```
.text, #text, p{  
    color:rgb(182, 119, 142)  
}
```

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(182, 119, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 119, 142) }
```

## Border

The CSS property to change the border of an element to YUV 140.4590, 0.7597, 36.4315 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(182, 119, 142) }
```



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

```
.border{ border-color:rgb(182, 119, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 119, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 119, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 119, 142);  
box-shadow:4px 4px 4px 4px rgb(182, 119,  
142) }
```

# Background

The CSS property to change the background color of an element to YUV 140.4590, 0.7597, 36.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 119, 142) }
```

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

```
.background{ background-color: rgb(182,  
119, 142) }
```

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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