

# Converting Colors

YUV(181.1360, -43.9440,  
-92.2043)

Have a look what the booklet for  
YUV(181.1360, -43.9440, -92.2043)  
contains.

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# Color

**YUV(181.1360, -43.9440,  
-92.2043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CFC5C
RGB	76, 252, 92
RGB Percent	30%, 99%, 36%
CMY	0.7020, 0.0118, 0.6392
CMYK	0.70, 0.00, 0.63, 0.01
HSL	125°, 97%, 64%
HSV	125°, 70%, 99%
XYZ	39.7227, 71.9300, 21.9155
YIQ	181.1360, -53.5360, -87.0720

# Conversions

## Conversions Part 2

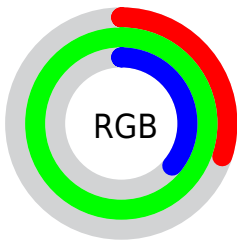
Format	Color
<a href="#">RYB</a>	<a href="#">76, 237, 252</a>
Decimal	<a href="#">5045340</a>
CIELab	<a href="#">87.93, -74.17, 61.99</a>
CIELCh	<a href="#">88, 96.663, 140.112</a>
Yxy	<a href="#">71.9300, 0.2974, 0.5385</a>
Android (android.graphics.Color)	<a href="#">4283235420 (0xFF4CFC5C)</a>
YUV	<a href="#">181.1360, -43.9440, -92.2043</a>
Hunter-Lab	<a href="#">84.8116, -64.8173, 44.0474</a>

# Details

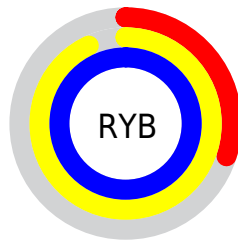
The YUV color **181.1360, -43.9440, -92.2043** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **146.8640, 43.9440, 92.2043**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2110, -30.6700, -56.3130**, and **117.5260, -42.1643, -103.0703** is the 20% darker color. If you saturate the color by 10%, you get **171.0390, -50.3052, -105.2742**, and if you desaturate by 10%, it is **191.2330, -37.5829, -79.1343**.

# Distribution



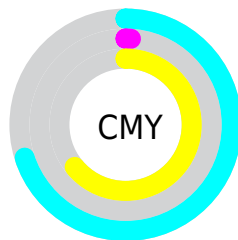
- Red (30%)
- Green (99%)
- Blue (36%)



- Red (30%)
- Yellow (93%)
- Blue (99%)



- Cyan (70%)
- Magenta (0%)
- Yellow (63%)
- Black (1%)



- Cyan (70%)
- Magenta (1%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.1360, -43.9440, -92.2043 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 181.1360, -43.9440, -92.2043 by changing the saturation by 10% instead.



181.1360,  
-43.9440, -92.2043

181.1360,  
-43.9440, -92.2043

255.0000, 0.0000,  
0.0000

144.4760,  
-39.6747, -108.2885

210.2110,  
-30.6700, -56.3130

117.5260,  
-42.1643, -103.0703

222.9710,  
-23.1567, -39.4396

97.4420, -48.0389,  
-85.4566

235.8450,  
-15.2066, -22.6661

81.0060, -39.9360,  
-71.0423

248.4200, -7.1091,  
-6.5073

65.1570, -32.1224,  
-57.1427

49.8950, -24.5982,  
-43.7579

35.8070, -17.6529,

-31.4027

■ 20.5450, -10.1287,  
-18.0180

■ 0.0000, 0.0000,  
0.0000

■ 181.1360,  
-43.9440, -92.2043

■ 181.1360,  
-43.9440, -92.2043

■ 171.0390,  
-50.3052, -105.2742

■ 191.2330,  
-37.5829, -79.1343

■ 160.9420,  
-56.6664, -118.3441

■ 201.3300,  
-31.2217, -66.0644

■ 150.5460,  
-62.8802, -132.0288

■ 211.7260,  
-25.0079, -52.3797

■ 221.8230,  
-18.6467, -39.3098

■ 231.9200,  
-12.2856, -26.2398

■ 241.9030, -6.3612,  
-13.0699

■ 252.0000, 0.0000,  
0.0000

■ 253.2390, 0.8682,  
1.5444

# Harmonies

## Analogous

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



198.9410, -98.0779, 4.4367



181.1360, -43.9440, -92.2043



170.8890, 7.4497, -149.8697

# Triad

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



181.1360, -43.9440, -92.2043



169.9500, 41.9297, -149.0461



169.9630, -3.4328, 74.5774

# Complementary

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



181.1360, -43.9440, -92.2043



146.8640, 43.9440, 92.2043

# 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.



179.8640, 37.0420, 65.8943



181.1360, -43.9440, -92.2043



196.6030, 28.7897, -40.8708

# Square

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



181.1360, -43.9440, -92.2043



178.7550, 37.5888, -156.7681



202.7570, 25.7558, 45.8171



181.9920, -51.2681, 64.0280



# Rectangle

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



181.1360, -43.9440, -92.2043



178.1850, 35.4048, -156.2682



202.7570, 25.7558, 45.8171



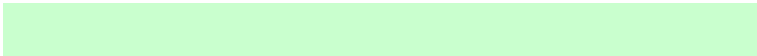
169.2740, 11.6969, 75.1817

# Sweetspot

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



181.1360, -43.9440, -92.2043



233.2680, -13.4431, -28.2990



227.4510, -74.6653, 8.3745



115.1260, -7.9501, -16.7735



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.



181.1360, -43.9440, -92.2043



168.7840, -53.6305, -112.0666



191.0540, -5.9426, -100.9024



119.8590, -2.8885, -6.8923



112.8810, -47.2693, -98.9966



36.4910, -15.0321, -32.0026



# Inverse Universe

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



146.8640, 43.9440, 92.2043



127.2160, 53.6305, 112.0666



136.9460, 5.9426, 100.9024



117.2550, 3.3253, 6.7924



76.1190, 47.2693, 98.9966

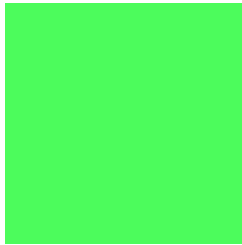


24.6230, 15.4689, 31.9026



# Previews

## White Background



This preview shows how the YUV color 181.1360, -43.9440, -92.2043 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 181.1360, -43.9440, -92.2043 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 181.1360, -43.9440, -92.2043 Background



This preview shows how black text looks on a background with the YUV color 181.1360, -43.9440, -92.2043.



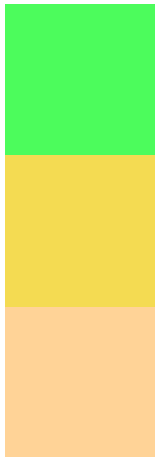
This preview shows how white text looks on a background with the YUV color 181.1360, -43.9440, -92.2043.

-92.2043.

# 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

181.1360, -43.9440, -92.2043

### Protanopia

210.8570, -63.5265, 29.0664

### Deuteranopia

217.3160, -32.6938, 33.0489



## Tritanopia

204.3790, 24.9562, -71.3694

# Trichromacy



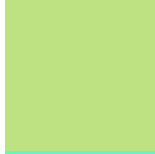
## Original Color

181.1360, -43.9440, -92.2043



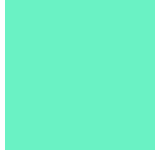
## Protanomaly

200.1180, -56.2602, -15.0125



## Deuteranomaly

204.2920, -36.6260, -12.5341



## Tritanomaly

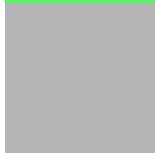
196.0920, -0.0454, -79.0107

# Monochromacy



## Original Color

181.1360, -43.9440, -92.2043



## Achromatopsia

181.0000, 0.0000, 0.0000



## Achromatomaly

181.2520, -15.9002, -33.5470

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.1360, -43.9440, -92.2043 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(76, 252, 92)` looks like.

```
.text, #text, p{  
    color:rgb(76, 252, 92)  
}
```

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(76, 252, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 252, 92) }
```

## Border

The CSS property to change the border of an element to YUV 181.1360, -43.9440, -92.2043 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(76, 252, 92) }
```



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

```
.border{ border-color:rgb(76, 252, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 252, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 252, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 252, 92);  
box-shadow:4px 4px 4px 4px rgb(76, 252,  
92) }
```

# Background

The CSS property to change the background color of an element to YUV 181.1360, -43.9440, -92.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 252, 92) }
```

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

```
.background{ background-color: rgb(76, 252,  
92) }
```

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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