

# Converting Colors

YUV(140.9600, 34.0367,  
-43.8149)

Have a look what the booklet for  
YUV(140.9600, 34.0367, -43.8149)  
contains.

<b>YUV(140.9600, 34.0367, -43.8149)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(140.9600, 34.0367,  
-43.8149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B99D2
RGB	91, 153, 210
RGB Percent	36%, 60%, 82%
CMY	0.6431, 0.4000, 0.1765
CMYK	0.57, 0.27, 0.00, 0.18
HSL	209°, 57%, 59%
HSV	209°, 57%, 82%
XYZ	27.3385, 29.6598, 65.2568
YIQ	140.9600, -55.2490, 4.5830

# Conversions

## Conversions Part 2

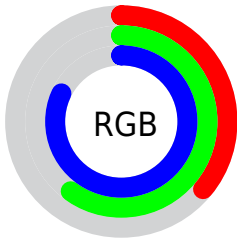
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 132, 210
Decimal	6003154
CIE <sub>Lab</sub>	61.36, -3.39, -35.25
CIE <sub>LCh</sub>	61, 35.408, 264.499
Yxy	29.6598, 0.2236, 0.2426
Android (android.graphics.Color)	4284193234 (0xFF5B99D2)
YUV	140.9600, 34.0367, -43.8149
Hunter-Lab	54.4608, -5.7021, -32.9208

# Details

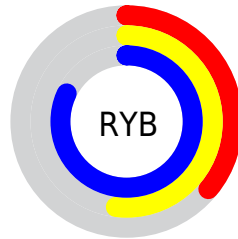
The YUV color **140.9600, 34.0367, -43.8149** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **160.0400, -34.0367, 43.8149**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1300, 29.5159, -40.4560**, and **83.8230, 35.0903, -55.0958** is the 20% darker color. If you saturate the color by 10%, you get **128.8110, 40.0262, -51.5772**, and if you desaturate by 10%, it is **153.1090, 28.0473, -36.0526**.

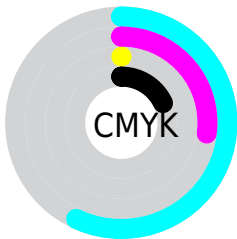
# Distribution



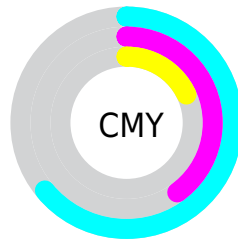
- Red (36%)
- Green (60%)
- Blue (82%)



- Red (36%)
- Yellow (52%)
- Blue (82%)



- Cyan (57%)
- Magenta (27%)
- Yellow (0%)
- Black (18%)



- Cyan (64%)
- Magenta (40%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 140.9600, 34.0367, -43.8149 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 140.9600, 34.0367, -43.8149 by changing the saturation by 10% instead.



■ 140.9600, 34.0367,  
-43.8149

■ 140.9600, 34.0367,  
-43.8149

255.0000, 0.0000,  
0.0000

■ 113.2370, 33.9002,  
-46.6888

■ 195.1300, 29.5159,  
-40.4560

■ 83.8230, 35.0903,  
-55.0958

■ 220.2370, 17.1382,  
-37.0418

■ 60.4920, 33.7744,  
-53.0515

■ 240.6480, 7.0755,  
-29.5093

■ 44.7280, 29.2211,  
-39.2265

■ 249.6180, 2.6533,  
-11.0660

■ 29.5510, 24.3784,  
-25.9162

■ 13.4280, 20.9880,  
-11.7764

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,  
-0.7998

■ 0.0000, 0.0000,  
0.0000

■ 140.9600, 34.0367,  
-43.8149

■ 140.9600, 34.0367,  
-43.8149

■ 128.8110, 40.0262,  
-51.5772

■ 153.1090, 28.0473,  
-36.0526

■ 116.6620, 46.0156,  
-59.3396

■ 165.2580, 22.0578,  
-28.2903

■ 104.5130, 52.0051,  
-67.1019

■ 177.4070, 16.0683,  
-20.5279

■ 92.3640, 57.9945,  
-74.8642

■ 189.5560, 10.0789,  
-12.7656

■ 87.9230, 60.1840,  
-77.1085

■ 201.7050, 4.0894,  
-5.0033

■ 213.8540, -1.9000,  
2.7590

■ 226.0030, -7.8895,  
10.5214

■ 236.9560,  
-13.2893, 15.8246

■ 243.4130,  
-16.4726, 10.1618

# Harmonies

## Analogous

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



124.2550, 36.3563, -87.9236



140.9600, 34.0367, -43.8149



149.4810, 27.3709, -5.6838

# Triad

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



140.9600, 34.0367, -43.8149



150.0020, -12.8190, 51.7412



138.8550, -13.7325, -28.8138

# Complementary

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



140.9600, 34.0367, -43.8149



160.0400, -34.0367, 43.8149

# 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.



143.1160, -26.1862, -0.9787



140.9600, 34.0367, -43.8149



148.1460, -24.7220, 42.8450

# Square

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



140.9600, 34.0367, -43.8149



151.4540, 1.7482, 46.0828



146.2440, -30.1933, 24.3420



130.8800, 4.9892, -60.4078



# Rectangle

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



140.9600, 34.0367, -43.8149



151.7890, 20.3170, 16.8480



146.2440, -30.1933, 24.3420



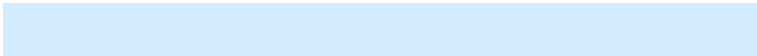
140.2430, -18.8538, -19.5071

# Sweetspot

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



140.9600, 34.0367, -43.8149



229.8160, 12.4157, -15.6246



167.2370, -9.9768, -66.8598



112.5950, 7.5947, -9.2918



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.



140.9600, 34.0367, -43.8149



154.5520, 49.5209, -63.6281



106.9140, 50.8214, -13.9566



98.7760, 3.0684, -4.1886



70.8080, 47.9157, -62.0986



17.0010, 11.8315, -14.9099



# Inverse Universe

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



133.6490, 9.5400, 66.9598



143.9870, 13.8104, 97.3584



194.0860, -50.8214, 13.9566



97.9730, 0.9993, 6.1627



60.2640, 13.6738, 94.4845

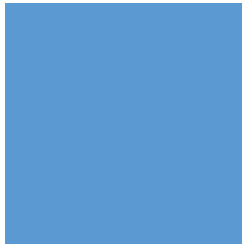


14.6530, 3.1291, 23.1063



# Previews

## White Background



This preview shows how the YUV color 140.9600, 34.0367, -43.8149 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 140.9600, 34.0367, -43.8149 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

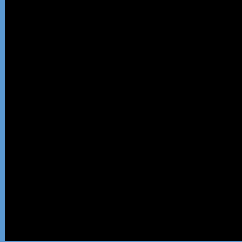
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 140.9600, 34.0367, -43.8149

## Background



This preview shows how black text looks on a background with the YUV color 140.9600, 34.0367, -43.8149.



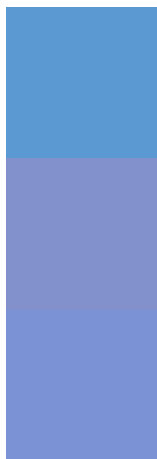
This preview shows how white text looks on a background with the YUV color 140.9600, 34.0367, -43.8149.



# 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

140.9600, 34.0367, -43.8149

### Protanopia

147.2410, 27.9822, -15.1204

### Deuteranopia

146.6470, 32.2190, -20.7384



## Tritanopia

136.3660, 18.0606, -52.9410

# Trichromacy



## Original Color

140.9600, 34.0367, -43.8149

## Protanomaly

145.0440, 30.0513, -25.4716

## Deuteranomaly

144.7060, 32.6829, -29.5602

## Tritanomaly

137.5820, 23.8701, -49.6224

# Monochromacy



## Original Color

140.9600, 34.0367, -43.8149

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

140.8160, 12.4157, -15.6246

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.9600, 34.0367, -43.8149 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(91, 153, 210)` looks like.

```
.text, #text, p{  
    color:rgb(91, 153, 210)  
}
```

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(91, 153, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 153, 210) }
```

## Border

The CSS property to change the border of an element to YUV 140.9600, 34.0367, -43.8149 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(91, 153, 210) }
```



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

```
.border{ border-color:rgb(91, 153, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 153, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 153, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 153, 210);  
box-shadow:4px 4px 4px 4px rgb(91, 153,  
210) }
```

# Background

The CSS property to change the background color of an element to YUV 140.9600, 34.0367, -43.8149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 153, 210) }
```

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

```
.background{ background-color: rgb(91, 153,  
210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor