

# Converting Colors

YUV(140.6440, 46.5175,  
-80.3718)

Have a look what the booklet for  
YUV(140.6440, 46.5175, -80.3718)  
contains.

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# Color

**YUV(140.6440, 46.5175,  
-80.3718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31A9EB
RGB	49, 169, 235
RGB Percent	19%, 66%, 92%
CMY	0.8078, 0.3373, 0.0784
CMYK	0.79, 0.28, 0.00, 0.08
HSL	201°, 82%, 56%
HSV	201°, 79%, 92%
XYZ	30.4500, 35.0271, 83.7533
YIQ	140.6440, -92.7060, -4.9140

# Conversions

## Conversions Part 2

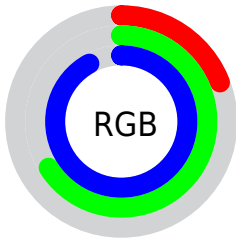
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 122, 235
Decimal	3254763
CIELab	65.77, -10.33, -42.27
CIELCh	66, 43.512, 256.267
Yxy	35.0271, 0.2040, 0.2347
Android (android.graphics.Color)	4281444843 (0xFF31A9EB)
YUV	140.6440, 46.5175, -80.3718
Hunter-Lab	59.1837, -11.7332, -42.4752

# Details

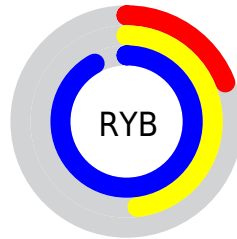
The YUV color **140.6440, 46.5175, -80.3718** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **143.3560, -46.5175, 80.3718**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3350, 28.4288, -65.1918**, and **89.0850, 44.3281, -78.1275** is the 20% darker color. If you saturate the color by 10%, you get **128.7720, 52.3704, -91.0080**, and if you desaturate by 10%, it is **152.5160, 40.6646, -69.7355**.

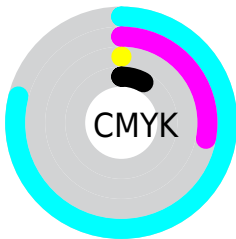
# Distribution



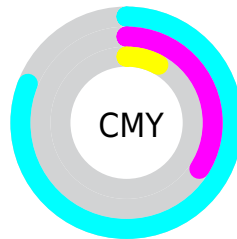
- Red (19%)
- Green (66%)
- Blue (92%)



- Red (19%)
- Yellow (48%)
- Blue (92%)



- Cyan (79%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)



- Cyan (81%)
- Magenta (34%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 140.6440, 46.5175, -80.3718 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 140.6440, 46.5175, -80.3718 by changing the saturation by 10% instead.



■ 140.6440, 46.5175,  
-80.3718

■ 140.6440, 46.5175,  
-80.3718

■ 255.0000, 0.0000,  
0.0000

■ 107.5390, 49.0343,  
-94.3117

■ 197.3350, 28.4288,  
-65.1918

■ 89.0850, 44.3281,  
-78.1275

■ 223.9260, 15.3195,  
-60.4481

■ 71.9190, 39.4799,  
-63.0730

■ 234.3690, 10.1711,  
-42.4196

■ 54.8670, 35.0686,  
-48.1184

■ 243.6380, 5.6015,  
-23.3615

■ 38.9890, 30.0784,  
-34.1934

■ 252.9070, 1.0318,  
-4.3034

■ 25.1000, 25.0937,  
-22.0127

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,  
-4.1289

■ 0.1140, 0.4368,  
-0.1000

■ 140.6440, 46.5175,  
-80.3718

■ 140.6440, 46.5175,  
-80.3718

■ 128.7720, 52.3704,  
-91.0080

■ 152.5160, 40.6646,  
-69.7355

■ 116.6120, 58.3653,  
-100.5147

■ 164.6760, 34.6697,  
-60.2289

■ 116.0140, 58.6601,  
-101.7443

■ 176.5480, 28.8168,  
-49.5926

■ 188.1210, 23.1113,  
-39.5711

■ 200.2810, 17.1165,  
-30.0644

■ 212.1530, 11.2636,  
-19.4282

■ 224.0250, 5.4107,  
-8.7919

■ 236.1850, -0.5842,  
0.7148

■ 246.2630, -5.5527,  
7.6623

# Harmonies

## Analogous

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



128.4090, 42.6894, -112.6147



140.6440, 46.5175, -80.3718



158.7270, 37.6026, -20.8086

# Triad

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



140.6440, 46.5175, -80.3718



161.6490, -10.6730, 63.4518



149.5750, -22.4685, -26.8143

# Complementary

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



140.6440, 46.5175, -80.3718



143.3560, -46.5175, 80.3718

# 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.



154.4670, -35.2332, 7.4834



140.6440, 46.5175, -80.3718



159.6640, -26.9494, 57.2997

# Square

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



140.6440, 46.5175, -80.3718



163.6920, 7.5468, 52.8901



157.6000, -36.7778, 36.3078



138.9730, 0.5063, -69.2593



# Rectangle

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



140.6440, 46.5175, -80.3718



163.1500, 29.5060, 9.5154



157.6000, -36.7778, 36.3078



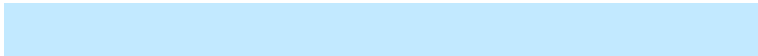
151.2730, -27.7426, -15.1484

# Sweetspot

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



140.6440, 46.5175, -80.3718



223.8470, 15.3584, -26.1758



165.5920, -25.4349, -102.2512



108.7190, 9.5055, -15.5396



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.



140.6440, 46.5175, -80.3718



132.1600, 60.5601, -104.5033



86.6400, 73.1415, -33.0103



111.3630, 2.7790, -4.7034



89.3130, 45.2017, -78.3275



26.7010, 13.4584, -23.4168



# Inverse Universe

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



118.2940, 24.9981, 102.3512



103.1420, 32.4680, 133.1795



197.3600, -73.1415, 33.0103



110.0870, 1.4361, 6.0627



67.4570, 24.4247, 99.5772

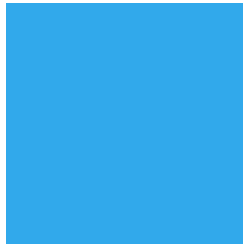


20.1360, 7.3280, 29.6987



# Previews

## White Background



This preview shows how the YUV color 140.6440, 46.5175, -80.3718 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

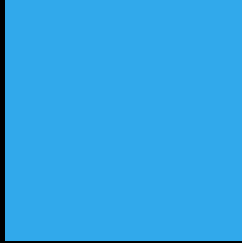
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 140.6440, 46.5175, -80.3718 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

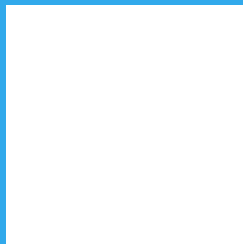
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 140.6440, 46.5175, -80.3718

## Background



This preview shows how black text looks on a background with the YUV color 140.6440, 46.5175, -80.3718.



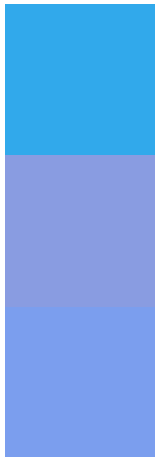
This preview shows how white text looks on a background with the YUV color 140.6440, 46.5175, -80.3718.



# 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

140.6440, 46.5175, -80.3718

### Protanopia

158.1850, 32.9398, -18.5792

### Deuteranopia

156.6550, 40.1031, -29.5154



## Tritanopia

124.9720, 32.0588, -109.6004

# Trichromacy



**Original Color**

140.6440, 46.5175, -80.3718

**Protanomaly**

152.0080, 37.9571, -41.2260

**Deuteranomaly**

150.8160, 42.4887, -48.0736

**Tritanomaly**

130.4170, 37.2624, -98.5897

# Monochromacy



**Original Color**

140.6440, 46.5175, -80.3718

**Achromatopsia**

141.0000, 0.0000, 0.0000

**Achromatomaly**

140.8790, 16.8217, -28.8349

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.6440, 46.5175, -80.3718 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(49, 169, 235)` looks like.

```
.text, #text, p{  
    color:rgb(49, 169, 235)  
}
```

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(49, 169, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 169, 235) }
```

## Border

The CSS property to change the border of an element to YUV 140.6440, 46.5175, -80.3718 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(49, 169, 235) }
```



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

```
.border{ border-color:rgb(49, 169, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 169, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 169, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 169, 235);  
box-shadow:4px 4px 4px 4px rgb(49, 169,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 140.6440, 46.5175, -80.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 169, 235) }
```

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

```
.background{ background-color: rgb(49, 169,  
235) }
```

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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