

# Converting Colors

YUV(148.7540, 33.1523,  
-40.1263)

Have a look what the booklet for  
YUV(148.7540, 33.1523, -40.1263)  
contains.

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# Color

**YUV(148.7540, 33.1523,  
-40.1263)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	679FD8
RGB	103, 159, 216
RGB Percent	40%, 62%, 85%
CMY	0.5961, 0.3765, 0.1529
CMYK	0.52, 0.26, 0.00, 0.15
HSL	210°, 59%, 63%
HSV	210°, 52%, 85%
XYZ	30.3863, 32.6377, 69.6639
YIQ	148.7540, -51.6730, 5.8550

# Conversions

## Conversions Part 2

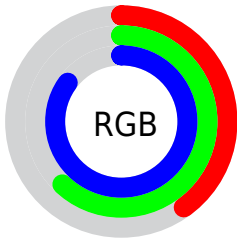
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 140, 216
Decimal	6791128
CIE <sub>Lab</sub>	63.87, -2.36, -34.64
CIE <sub>LCh</sub>	64, 34.717, 266.095
Yxy	32.6377, 0.2290, 0.2460
Android (android.graphics.Color)	4284981208 (0xFF679FD8)
YUV	148.7540, 33.1523, -40.1263
Hunter-Lab	57.1294, -5.0349, -32.3080

# Details

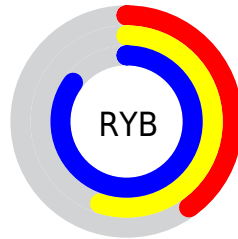
The YUV color **148.7540, 33.1523, -40.1263** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **170.2460, -33.1523, 40.1263**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9410, 26.1581, -36.7823**, and **94.3080, 32.8792, -45.8741** is the 20% darker color. If you saturate the color by 10%, you get **135.7190, 39.5785, -47.9886**, and if you desaturate by 10%, it is **161.7890, 26.7260, -32.2640**.

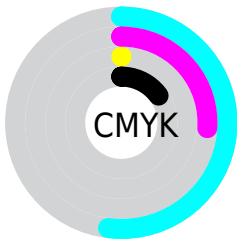
# Distribution



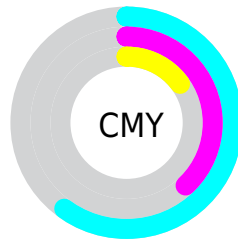
- Red (40%)
- Green (62%)
- Blue (85%)



- Red (40%)
- Yellow (55%)
- Blue (85%)



- Cyan (52%)
- Magenta (26%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (38%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 148.7540, 33.1523, -40.1263 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 148.7540, 33.1523, -40.1263 by changing the saturation by 10% instead.



■ 148.7540, 33.1523,  
-40.1263

■ 148.7540, 33.1523,  
-40.1263

■ 255.0000, 0.0000,  
0.0000

■ 121.6290, 32.7209,  
-41.7706

■ 201.9410, 26.1581,  
-36.7823

■ 94.3080, 32.8792,  
-45.8741

■ 227.6350, 13.4909,  
-33.8829

■ 64.5840, 34.2221,  
-56.6402

■ 243.9370, 5.4541,  
-22.7467

■ 48.2330, 29.9581,  
-42.3003

■ 252.9070, 1.0318,  
-4.3034

■ 33.0560, 25.1154,  
-28.9901

■ 18.1070, 21.1462,  
-15.8798

■ 6.0930, 15.7302,

-5.3436

■ 2.4110, 6.6994,  
-2.1144

■ 0.0000, 0.0000,  
0.0000

■ 148.7540, 33.1523,  
-40.1263

■ 148.7540, 33.1523,  
-40.1263

■ 135.7190, 39.5785,  
-47.9886

■ 161.7890, 26.7260,  
-32.2640

■ 122.9830, 45.8574,  
-55.2361

■ 174.5250, 20.4472,  
-25.0164

■ 109.9480, 52.2836,  
-63.0984

■ 187.5600, 14.0209,  
-17.1541

■ 97.2120, 58.5625,  
-70.3459

■ 200.2960, 7.7421,  
-9.9066

■ 87.4330, 63.3835,  
-76.6787

■ 212.7440, 1.6052,  
-1.5295

■ 225.7790, -4.8210,  
6.3328

■ 238.5150,  
-11.0999, 13.5803

■ 245.2710,  
-14.4306, 8.5323

■ 250.5540,  
-17.0351, 3.8991

# Harmonies

## Analogous

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



135.7510, 34.1398, -76.9576



148.7540, 33.1523, -40.1263



156.5630, 26.3444, -3.1248

# Triad

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



148.7540, 33.1523, -40.1263



157.0620, -13.8346, 50.8116



145.3710, -13.0009, -30.1434

# Complementary

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



148.7540, 33.1523, -40.1263



170.2460, -33.1523, 40.1263

# 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.



149.6320, -25.4546, -2.3083



148.7540, 33.1523, -40.1263



155.3200, -25.3008, 41.8154

# Square

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



148.7540, 33.1523, -40.1263



158.2260, 0.8746, 46.2828



152.7600, -29.4617, 23.0125



138.2930, 5.2786, -59.8930



# Rectangle

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



148.7540, 33.1523, -40.1263



158.8600, 19.2960, 17.6628



152.7600, -29.4617, 23.0125



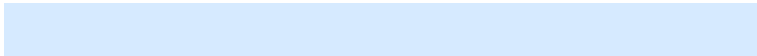
147.1720, -17.8328, -20.3218

# Sweetspot

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



148.7540, 33.1523, -40.1263



230.4140, 12.1209, -14.3951



175.8290, -7.8037, -63.8710



112.8940, 7.4473, -8.6770



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.



148.7540, 33.1523, -40.1263



159.3140, 47.1732, -57.2804



115.8820, 49.3582, -11.2975



100.7760, 3.0684, -4.1886



69.3890, 50.0942, -60.8542



17.2290, 12.7051, -15.1098



# Inverse Universe

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



143.1710, 7.8037, 63.8710



151.2590, 11.2113, 90.9809



203.1180, -49.3582, 11.2975



99.9730, 0.9993, 6.1627



60.8190, 11.9212, 96.6287

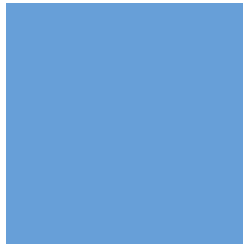


15.2510, 2.8343, 24.3359



# Previews

## White Background



This preview shows how the YUV color 148.7540, 33.1523, -40.1263 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

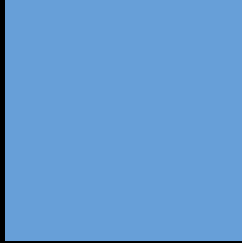
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 148.7540, 33.1523, -40.1263 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 148.7540, 33.1523, -40.1263

## Background



This preview shows how black text looks on a background with the YUV color 148.7540, 33.1523, -40.1263.



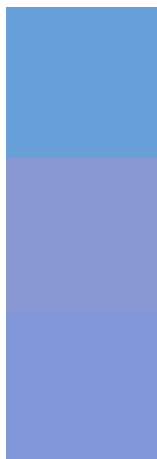
This preview shows how white text looks on a background with the YUV color 148.7540, 33.1523, -40.1263.

-40.1263.

# 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

148.7540, 33.1523, -40.1263

### Protanopia

154.2410, 27.9822, -15.1204

### Deuteranopia

153.1310, 31.4874, -19.4089



## Tritanopia

144.7580, 16.8813, -48.0228

# Trichromacy



## Original Color

148.7540, 33.1523, -40.1263

## Protanomaly

152.6420, 29.7565, -24.2420

## Deuteranomaly

151.9020, 32.0933, -27.1011

## Tritanomaly

145.9740, 22.6908, -44.7042

# Monochromacy



## Original Color

148.7540, 33.1523, -40.1263

## Achromatopsia

149.0000, 0.0000, 0.0000

## Achromatomaly

149.0010, 11.8315, -14.9099

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.7540, 33.1523, -40.1263 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(103, 159, 216)` looks like.

```
.text, #text, p{  
    color:rgb(103, 159, 216)  
}
```

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(103, 159, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 159, 216) }
```

## Border

The CSS property to change the border of an element to YUV 148.7540, 33.1523, -40.1263 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(103, 159, 216) }
```



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

```
.border{ border-color:rgb(103, 159, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 159, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 159, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 159, 216);  
box-shadow:4px 4px 4px 4px rgb(103, 159,  
216) }
```

# Background

The CSS property to change the background color of an element to YUV 148.7540, 33.1523, -40.1263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 159, 216) }
```

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

```
.background{ background-color: rgb(103,  
159, 216) }
```

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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