

# Converting Colors

YUV(143.4700, 40.6873,  
-30.2302)

Have a look what the booklet for  
YUV(143.4700, 40.6873, -30.2302)  
contains.

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# Color

**YUV(143.4700, 40.6873,  
-30.2302)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D91E2
RGB	109, 145, 226
RGB Percent	43%, 57%, 89%
CMY	0.5725, 0.4314, 0.1137
CMYK	0.52, 0.36, 0.00, 0.11
HSL	222°, 67%, 66%
HSV	222°, 52%, 89%
XYZ	30.1595, 28.9930, 75.9581
YIQ	143.4700, -47.4570, 17.5590

# Conversions

## Conversions Part 2

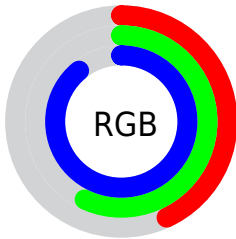
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 137, 226</a>
Decimal	<a href="#">7180770</a>
CIELab	<a href="#">60.78, 10.11, -45.01</a>
CIElCh	<a href="#">61, 46.128, 282.656</a>
Yxy	<a href="#">28.9930, 0.2232, 0.2146</a>
Android (android.graphics.Color)	<a href="#">4285370850 (0xFF6D91E2)</a>
YUV	<a href="#">143.4700, 40.6873, -30.2302</a>
Hunter-Lab	<a href="#">53.8451, 5.7518, -45.9475</a>

# Details

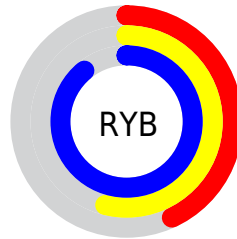
The YUV color  $143.4700, 40.6873, -30.2302$  is a light color, and the websafe version is hex  $6699FF$ . A complement of this color would be  $191.5300, -40.6873, 30.2302$ , and the grayscale version is  $143.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $195.5170, 29.3251, -25.8864$ , and  $89.4970, 39.6880, -36.3929$  is the 20% darker color. If you saturate the color by 10%, you get  $127.2010, 48.7079, -36.1333$ , and if you desaturate by 10%, it is  $159.7390, 32.6667, -24.3271$ .

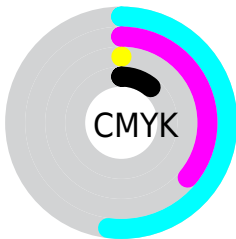
# Distribution



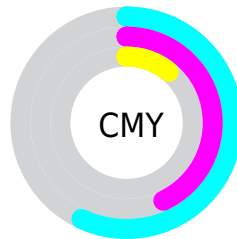
- Red (43%)
- Green (57%)
- Blue (89%)



- Red (43%)
- Yellow (54%)
- Blue (89%)



- Cyan (52%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (43%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.4700, 40.6873, -30.2302 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 143.4700, 40.6873, -30.2302 by changing the saturation by 10% instead.



■ 143.4700, 40.6873,  
-30.2302

■ 143.4700, 40.6873,  
-30.2302

255.0000, 0.0000,  
0.0000

■ 116.9320, 39.9665,  
-32.3894

■ 195.5170, 29.3251,  
-25.8864

■ 89.4970, 39.6880,  
-36.3929

■ 220.3360, 17.0894,  
-21.3427

■ 58.5660, 41.6260,  
-51.3624

■ 246.0300, 4.4222,  
-18.4433

■ 42.6880, 36.6358,  
-37.4374

■ 28.0980, 31.5037,  
-24.6419

■ 8.9260, 29.1235,  
-7.8281

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,  
-2.8143

■ 0.0000, 0.0000,  
0.0000

■ 143.4700, 40.6873,  
-30.2302

■ 143.4700, 40.6873,  
-30.2302

■ 127.2010, 48.7079,  
-36.1333

■ 159.7390, 32.6667,  
-24.3271

■ 111.8180, 56.2917,  
-41.9364

■ 175.1220, 25.0829,  
-18.5240

■ 95.5490, 64.3123,  
-47.8395

■ 191.3910, 17.0622,  
-12.6209

■ 79.5790, 72.1856,  
-53.1278

■ 207.3610, 9.1890,  
-7.3326

■ 66.8540, 78.4590,  
-58.6310

■ 223.0430, 1.4578,  
-0.9147

■ 239.3120, -6.5628,  
4.9884

■ 251.6940,  
-12.6671, 2.8994

# Harmonies

## Analogous

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



118.2820, 52.1190, -103.7333



143.4700, 40.6873, -30.2302



150.7490, 27.7317, 18.6371

# Triad

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



143.4700, 40.6873, -30.2302



145.9140, -26.0866, 60.5884



123.7940, -1.3774, -71.7333

# Complementary

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



143.4700, 40.6873, -30.2302



191.5300, -40.6873, 30.2302

# 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.



136.0870, -25.6789, -23.7553



143.4700, 40.6873, -30.2302



144.3940, -37.6622, 39.9965

# Square

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



143.4700, 40.6873, -30.2302



147.3550, -8.0630, 66.3407



141.3920, -38.1543, 11.0572



116.6110, 22.8698, -102.2678



# Rectangle

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



143.4700, 40.6873, -30.2302



150.7430, 16.8887, 43.1984



141.3920, -38.1543, 11.0572



129.5100, -10.6044, -52.1903

# Sweetspot

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



143.4700, 40.6873, -30.2302



226.3050, 14.1466, -10.7915



186.7990, 1.0851, -68.2297



110.5460, 8.6048, -6.6178



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.



143.4700, 40.6873, -30.2302



143.7750, 54.8339, -41.0217



128.6170, 48.0098, 1.2129



104.0150, 3.9366, -2.6442



51.7620, 61.2493, -45.3953



14.2770, 16.6254, -12.5209



# Inverse Universe

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



148.0870, -1.5219, 68.3297



149.8280, -1.8872, 92.2358



206.3830, -48.0098, -1.2129



104.6310, -0.3111, 6.4626



58.7800, -2.3565, 102.8019

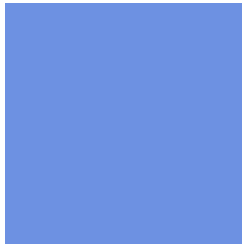


16.0620, -0.5236, 28.0096



# Previews

## White Background



This preview shows how the YUV color 143.4700, 40.6873, -30.2302 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

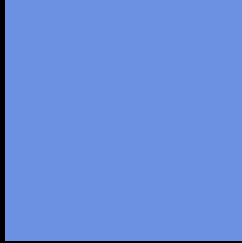
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 143.4700, 40.6873, -30.2302 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

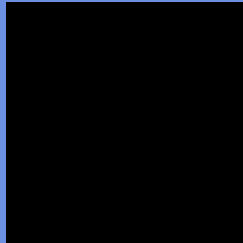
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 143.4700, 40.6873, -30.2302

## Background



This preview shows how black text looks on a background with the YUV color 143.4700, 40.6873, -30.2302.



This preview shows how white text looks on a background with the YUV color 143.4700, 40.6873,



# 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

143.4700, 40.6873, -30.2302

### Protanopia

144.5740, 39.6500, -24.1824

### Deuteranopia

142.8610, 40.9875, -33.2041



## Tritanopia

138.3350, 15.1178, -42.3898

# Trichromacy



## Original Color

143.4700, 40.6873, -30.2302

## Protanomaly

144.2640, 39.8028, -26.5415

## Deuteranomaly

143.1600, 40.8401, -32.5893

## Tritanomaly

140.4740, 24.4163, -38.1267

# Monochromacy



## Original Color

143.4700, 40.6873, -30.2302

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

143.4190, 14.5834, -10.8915

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.4700, 40.6873, -30.2302 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(109, 145, 226)` looks like.

```
.text, #text, p{  
    color:rgb(109, 145, 226)  
}
```

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(109, 145, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 145, 226) }
```

## Border

The CSS property to change the border of an element to YUV 143.4700, 40.6873, -30.2302 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(109, 145, 226) }
```



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

```
.border{ border-color:rgb(109, 145, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 145, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 145, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 145, 226); box-shadow:4px 4px 4px 4px rgb(109, 145, 226) }
```

# Background

The CSS property to change the background color of an element to YUV 143.4700, 40.6873, -30.2302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 145, 226) }
```

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

```
.background{ background-color: rgb(109,  
145, 226) }
```

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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