

# Converting Colors

YUV(159.4320, 21.4790,  
-29.3199)

Have a look what the booklet for  
YUV(159.4320, 21.4790, -29.3199)  
contains.

<b>YUV(159.4320, 21.4790, -29.3199)</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(159.4320, 21.4790,  
-29.3199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EA8CB
RGB	126, 168, 203
RGB Percent	49%, 66%, 80%
CMY	0.5059, 0.3412, 0.2039
CMYK	0.38, 0.17, 0.00, 0.20
HSL	207°, 43%, 65%
HSV	207°, 38%, 80%
XYZ	33.3863, 36.7527, 61.8342
YIQ	159.4320, -36.2670, 1.9810

# Conversions

## Conversions Part 2

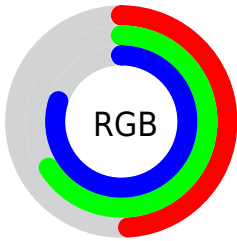
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 153, 203
Decimal	8300747
CIE <sub>Lab</sub>	67.09, -5.36, -22.36
CIE <sub>LCh</sub>	67, 22.996, 256.512
Yxy	36.7527, 0.2530, 0.2785
Android (android.graphics.Color)	4286490827 (0xFF7EA8CB)
YUV	159.4320, 21.4790, -29.3199
Hunter-Lab	60.6240, -7.7900, -18.0368

# Details

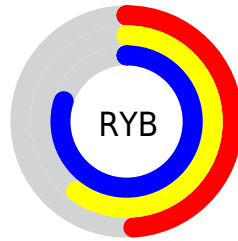
The YUV color **159.4320, 21.4790, -29.3199** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **169.5680, -21.4790, 29.3199**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0900, 20.1686, -29.0199**, and **106.9050, 20.7528, -29.7347** is the 20% darker color. If you saturate the color by 10%, you get **148.1690, 27.0317, -36.9822**, and if you desaturate by 10%, it is **170.6950, 15.9264, -21.6575**.

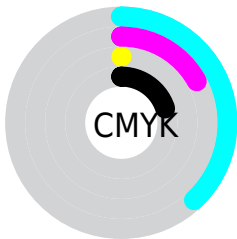
# Distribution



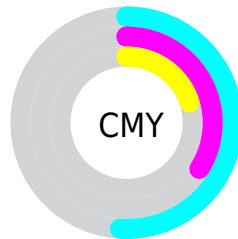
- Red (49%)
- Green (66%)
- Blue (80%)



- Red (49%)
- Yellow (60%)
- Blue (80%)



- Cyan (38%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (34%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 159.4320, 21.4790, -29.3199 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 159.4320, 21.4790, -29.3199 by changing the saturation by 10% instead.



■ 159.4320, 21.4790,  
-29.3199

■ 159.4320, 21.4790,  
-29.3199

■ 255.0000, 0.0000,  
0.0000

■ 133.0190, 21.1896,  
-29.8347

■ 214.0900, 20.1686,  
-29.0199

■ 106.9050, 20.7528,  
-29.7347

■ 239.4850, 7.6489,  
-26.7353

■ 81.7800, 20.3215,  
-31.3791

■ 249.9170, 2.5059,  
-10.4512

■ 55.2740, 21.0639,  
-36.1973

■ 35.4380, 19.0111,  
-31.0791

■ 21.0760, 14.7525,  
-18.4837

■ 4.5940, 12.5252,

-4.0289

0.0000, 0.0000,  
0.0000

159.4320, 21.4790,  
-29.3199

159.4320, 21.4790,  
-29.3199

148.1690, 27.0317,  
-36.9822

170.6950, 15.9264,  
-21.6575

136.6070, 32.7317,  
-45.2593

182.2570, 10.2263,  
-13.3804

124.7570, 38.5738,  
-52.4069

194.1070, 4.3842,  
-6.2328

113.4940, 44.1265,  
-60.0692

205.3700, -1.1684,  
1.4295

102.2310, 49.6791,  
-67.7316

216.9320, -6.8685,  
9.7066

■ 90.6690, 55.3792,  
-76.0087

■ 228.1950,  
-12.4211, 17.3690

■ 88.2990, 56.5476,  
-77.4382

■ 236.1580,  
-16.3469, 16.5244

■ 241.4410,  
-18.9514, 11.8912

■ 246.7240,  
-21.5559, 7.2581

# Harmonies

## Analogous

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



155.5460, 18.4648, -42.5748



159.4320, 21.4790, -29.3199



163.6950, 19.3774, -8.5025

# Triad

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



159.4320, 21.4790, -29.3199



166.3850, -7.0918, 34.7424



158.4100, -12.0341, -13.5146

# Complementary

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



159.4320, 21.4790, -29.3199



169.5680, -21.4790, 29.3199

# 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.



161.3970, -18.9297, 4.9138



159.4320, 21.4790, -29.3199



164.5990, -15.0853, 31.9237

# Square

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



159.4320, 21.4790, -29.3199



166.8000, 3.5496, 28.2394



163.2680, -19.8521, 20.8130



155.7590, -1.3602, -30.4836



# Rectangle

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



159.4320, 21.4790, -29.3199



165.4580, 15.5502, 5.7373



163.2680, -19.8521, 20.8130



159.1720, -14.3818, -7.1668

# Sweetspot

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



159.4320, 21.4790, -29.3199



238.9970, 7.8895, -10.5214



175.1890, -6.9952, -43.1388



118.2210, 4.8210, -6.3328



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

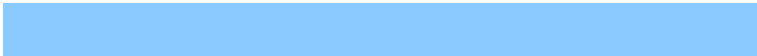


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.4320, 21.4790, -29.3199



188.9060, 32.5843, -44.6446



137.1260, 32.4759, -9.7575



96.0750, 2.9210, -3.5738



71.7540, 46.4633, -62.9283



16.6590, 10.5211, -14.6099



# Inverse Universe

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



153.8110, 6.9952, 43.1388



180.2790, 10.7085, 65.5303



191.8740, -32.4759, 9.7575



95.5600, 0.7099, 5.6479



59.8940, 14.8423, 93.0550

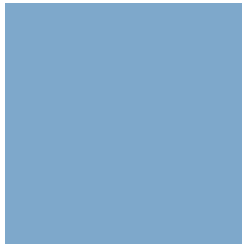


13.7560, 3.5713, 21.2620



# Previews

## White Background



This preview shows how the YUV color 159.4320, 21.4790, -29.3199 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

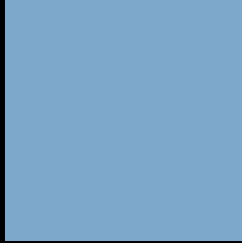
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 159.4320, 21.4790, -29.3199 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

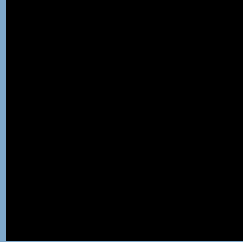
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 159.4320, 21.4790, -29.3199

## Background



This preview shows how black text looks on a background with the YUV color 159.4320, 21.4790, -29.3199.



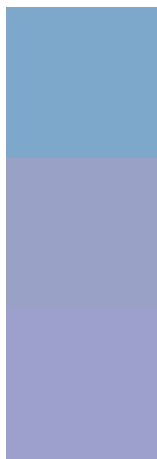
This preview shows how white text looks on a background with the YUV color 159.4320, 21.4790, -29.3199.

-29.3199.

# 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

159.4320, 21.4790, -29.3199

### Protanopia

163.1250, 17.1934, -8.0026

### Deuteranopia

164.2330, 20.0981, -6.3433



## Tritanopia

157.6460, 13.4855, -32.1385

# Trichromacy



## Original Color

159.4320, 21.4790, -29.3199

## Protanomaly

162.1240, 18.6729, -15.8947

## Deuteranomaly

162.5910, 20.4146, -14.5503

## Tritanomaly

158.4550, 16.5377, -31.0940

# Monochromacy



## Original Color

159.4320, 21.4790, -29.3199

## Achromatopsia

159.0000, 0.0000, 0.0000

## Achromatomaly

158.9970, 7.8895, -10.5214

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.4320, 21.4790, -29.3199 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(126, 168, 203)` looks like.

```
.text, #text, p{  
    color:rgb(126, 168, 203)  
}
```

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(126, 168, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 168, 203) }
```

## Border

The CSS property to change the border of an element to YUV 159.4320, 21.4790, -29.3199 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(126, 168, 203) }
```



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

```
.border{ border-color:rgb(126, 168, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 168, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 168, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 168, 203);  
box-shadow:4px 4px 4px 4px rgb(126, 168,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 159.4320, 21.4790, -29.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 168, 203) }
```

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

```
.background{ background-color: rgb(126,  
168, 203) }
```

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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