

Converting Colors

YUV(159.7260, -21.5569,
-39.2247)

Have a look what the booklet for
YUV(159.7260, -21.5569, -39.2247)
contains.

YUV(159.7260, -21.5569, -39.2247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(159.7260, -21.5569,
-39.2247)**

Conversions

Conversions Part 1

Format	Color
Hex	73BF74
RGB	115, 191, 116
RGB Percent	45%, 75%, 45%
CMY	0.5490, 0.2510, 0.5451
CMYK	0.40, 0.00, 0.39, 0.25
HSL	121°, 37%, 60%
HSV	121°, 40%, 75%
XYZ	28.8534, 42.1674, 23.1414
YIQ	159.7260, -21.2210, -39.4370

Conversions

Conversions Part 2

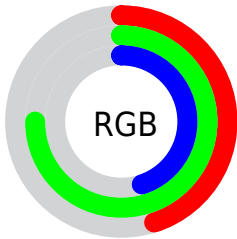
Format	Color
RYB	115, 190, 191
Decimal	7585652
CIELab	70.99, -38.90, 30.62
CIElCh	71, 49.508, 141.792
Yxy	42.1674, 0.3064, 0.4478
Android (android.graphics.Color)	4285775732 (0xFF73BF74)
YUV	159.7260, -21.5569, -39.2247
Hunter-Lab	64.9364, -34.3252, 24.3263

Details

The YUV color **159.7260, -21.5569, -39.2247** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **146.2740, 21.5569, 39.2247**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6720, -23.0093, -40.0543**, and **106.1820, -19.8097, -39.6246** is the 20% darker color. If you saturate the color by 10%, you get **151.8790, -27.0553, -49.0059**, and if you desaturate by 10%, it is **167.5730, -16.0585, -29.4435**.

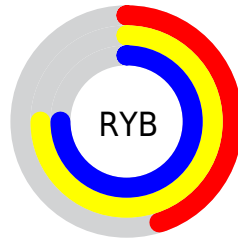
Distribution



Red (45%)

Green (75%)

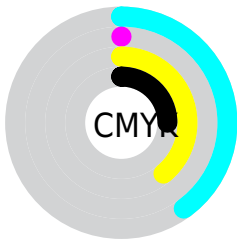
Blue (45%)



Red (45%)

Yellow (75%)

Blue (75%)

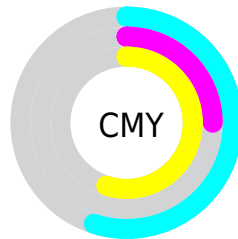


Cyan (40%)

Magenta (0%)

Yellow (39%)

Black (25%)



Cyan (55%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7260, -21.5569, -39.2247 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 159.7260, -21.5569, -39.2247 by changing the saturation by 10% instead.

■ 159.7260,
-21.5569, -39.2247

■ 159.7260,
-21.5569, -39.2247

255.0000, 0.0000,
0.0000

■ 132.9540,
-20.6833, -39.4247

■ 215.6720,
-23.0093, -40.0543

■ 106.1820,
-19.8097, -39.6246

■ 231.2310,
-17.3689, -29.1436

■ 79.6270, -18.0571,
-41.7689

■ 243.0940, -9.4133,
-14.1144

■ 52.6480, -16.5885,
-46.1723

254.7720, -0.8736,
0.2000

■ 36.3940, -17.9422,
-31.9175

■ 23.4800, -11.5756,
-20.5920

■ 4.1090, -2.0257,

-3.6036

■ 0.0000, 0.0000,
0.0000

■ 159.7260,
-21.5569, -39.2247

■ 159.7260,
-21.5569, -39.2247

■ 151.8790,
-27.0553, -49.0059

■ 167.5730,
-16.0585, -29.4435

■ 144.0320,
-32.5538, -58.7871

■ 175.4200,
-10.5601, -19.6623

■ 136.1850,
-38.0522, -68.5682


■ 183.2670, -5.0616,
-9.8812


■ 128.4520,
-43.1138, -78.4494

■ 191.0000, 0.0000,
0.0000


■ 120.6050,
-48.6123, -88.2306

■ 199.1460, 5.3510,
10.3960

 112.4590,
-53.9633, -98.6265

 206.9930, 10.8495,
20.1771

 214.8400, 16.3479,
29.9583

 217.4320, 18.5210,
32.9471

Harmonies

Analogous

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



166.3970, -39.1427, 1.4058



159.7260, -21.5569, -39.2247



139.1580, 9.7821, -104.5016

Triad

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



159.7260, -21.5569, -39.2247



153.5450, 50.0173, -82.9160



173.5530, -15.0626, 71.4290

Complementary

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



159.7260, -21.5569, -39.2247



146.2740, 21.5569, 39.2247

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.



176.9000, 5.4723, 64.9857



159.7260, -21.5569, -39.2247



174.3410, 39.7649, -14.3311

Square

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



159.7260, -21.5569, -39.2247



140.5200, 51.0156, -123.2360



178.8650, 25.2096, 34.3214



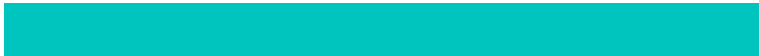
173.4490, -34.2384, 61.8732

Rectangle

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



159.7260, -21.5569, -39.2247



137.4130, 26.4184, -120.5112



178.8650, 25.2096, 34.3214



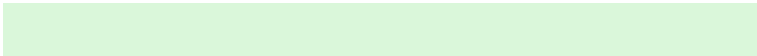
174.0890, -7.9319, 70.9589

Sweetspot

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



159.7260, -21.5569, -39.2247



235.0230, -8.3923, -14.9292



182.3360, -33.1966, 7.5983



117.6800, -4.7722, -9.3664



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



159.7260, -21.5569, -39.2247



198.3800, -33.7113, -60.8463



163.9440, -5.3954, -42.9239



90.2830, -2.6045, -4.6332



92.9740, -44.8502, -81.5382



18.1970, -8.9711, -15.9588

Inverse Universe

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



146.2740, 21.5569, 39.2247



177.6200, 33.7113, 60.8463



142.0560, 5.3954, 42.9239



88.7170, 2.6045, 4.6332



65.0260, 44.8502, 81.5382



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 159.7260, -21.5569, -39.2247 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 159.7260, -21.5569, -39.2247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

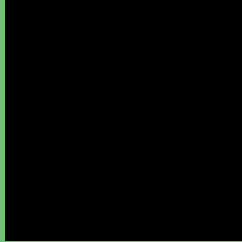
Any Text WCAG AA ✓ Pass

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 159.7260, -21.5569, -39.2247 Background



This preview shows how black text looks on a background with the YUV color 159.7260, -21.5569, -39.2247.



This preview shows how white text looks on a background with the YUV color 159.7260, -21.5569, -39.2247.

-39.2247.

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

159.7260, -21.5569, -39.2247

Protanopia

170.1890, -30.1662, 15.6202

Deuteranopia

172.3570, -24.8260, 29.5049



Tritanopia

167.7600, 13.9223, -32.2385

Trichromacy



Original Color

159.7260, -21.5569, -39.2247

Protanomaly

166.5670, -26.9015, -4.8823

Deuteranomaly

167.5450, -23.4397, 4.7840

Tritanomaly

165.0080, 0.9821, -35.0870

Monochromacy



Original Color

159.7260, -21.5569, -39.2247

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8490, -7.8136, -13.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7260, -21.5569, -39.2247 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(115, 191, 116)` looks like.

```
.text, #text, p{  
    color:rgb(115, 191, 116)  
}
```

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(115, 191, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 191, 116) }
```

Border

The CSS property to change the border of an element to YUV 159.7260, -21.5569, -39.2247 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

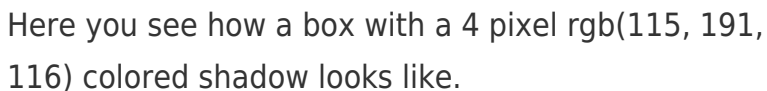
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 191, 116) }
```


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

```
.border{ border-color:rgb(115, 191, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 191, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 191, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 191, 116); box-shadow:4px 4px 4px 4px rgb(115, 191, 116) }
```

Background

The CSS property to change the background color of an element to YUV 159.7260, -21.5569, -39.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 191, 116) }
```

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

```
.background{ background-color: rgb(115,  
191, 116) }
```

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