

Converting Colors

YUV(169.7790, -38.8380,
-49.7952)

Have a look what the booklet for
YUV(169.7790, -38.8380, -49.7952)
contains.

YUV(169.7790, -38.8380, -49.7952)	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(169.7790, -38.8380,
-49.7952)**

Conversions

Conversions Part 1

Format	Color
Hex	71D65B
RGB	113, 214, 91
RGB Percent	44%, 84%, 36%
CMY	0.5569, 0.1608, 0.6431
CMYK	0.47, 0.00, 0.57, 0.16
HSL	109°, 60%, 60%
HSV	109°, 57%, 84%
XYZ	32.7449, 52.3592, 18.2780
YIQ	169.7790, -20.7130, -59.6650

Conversions

Conversions Part 2

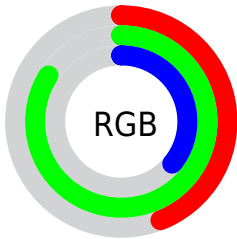
Format	Color
RYB	91, 214, 192
Decimal	7460443
CIELab	77.50, -52.48, 50.87
CIELCh	77, 73.090, 135.894
Yxy	52.3592, 0.3167, 0.5065
Android (android.graphics.Color)	4285650523 (0xFF71D65B)
YUV	169.7790, -38.8380, -49.7952
Hunter-Lab	72.3596, -45.8527, 35.6751

Details

The YUV color **169.7790, -38.8380, -49.7952** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **135.2210, 38.8380, 49.7952**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3440, -35.6656, -40.6437**, and **112.5120, -37.2274, -53.0690** is the 20% darker color. If you saturate the color by 10%, you get **162.0030, -45.3575, -58.7616**, and if you desaturate by 10%, it is **177.5550, -32.3186, -40.8287**.

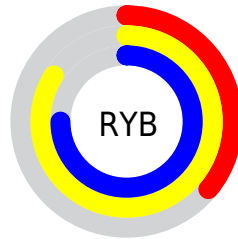
Distribution



Red (44%)

Green (84%)

Blue (36%)



Red (36%)

Yellow (84%)

Blue (75%)

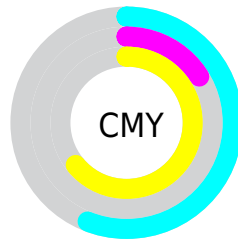


Cyan (47%)

Magenta (0%)

Yellow (57%)

Black (16%)



Cyan (56%)

Magenta (16%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7790, -38.8380, -49.7952 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 169.7790, -38.8380, -49.7952 by changing the saturation by 10% instead.

■ 169.7790,
-38.8380, -49.7952

■ 169.7790,
-38.8380, -49.7952

■ 255.0000, 0.0000,
0.0000

■ 141.7080,
-37.8170, -50.6099

■ 217.3440,
-35.6656, -40.6437

■ 112.5120,
-37.2274, -53.0690

■ 229.0930,
-28.1468, -25.5146

■ 78.3810, -38.6418,
-66.1091

■ 241.2550,
-20.3387, -9.8706

■ 62.2220, -30.6754,
-54.5687

■ 252.0360,
-11.3567, 2.5994

■ 46.9600, -23.1513,
-41.1839

■ 32.8720, -16.2059,
-28.8287

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 169.7790,
-38.8380, -49.7952

■ 169.7790,
-38.8380, -49.7952

■ 162.0030,
-45.3575, -58.7616

■ 177.5550,
-32.3186, -40.8287

■ 154.4120,
-52.4611, -67.0133

■ 185.1460,
-25.2150, -32.5770

■ 146.6360,
-58.9805, -75.9798

■ 192.9220,
-18.6955, -23.6106

■ 139.0450,
-66.0842, -84.2315

■ 200.5130,
-11.5919, -15.3589

■ 136.9800,
-67.5311, -86.8055

■ 208.2890, -5.0725,
-6.3925

■ 215.7660, 1.5944,
1.9592

■ 223.6560, 8.5506,
10.8257

■ 230.6340, 12.0124,
20.4920

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



179.2370, -66.6718, 11.1932



169.7790, -38.8380, -49.7952



148.0980, 3.8957, -129.8819

Triad

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



169.7790, -38.8380, -49.7952



151.1660, 51.1902, -132.5726



169.3930, -5.6167, 75.0773

Complementary

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



169.7790, -38.8380, -49.7952



135.2210, 38.8380, 49.7952

Split Complementary

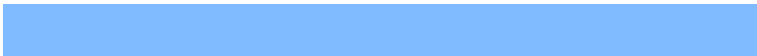
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



179.4930, 22.9280, 66.2196



169.7790, -38.8380, -49.7952



177.4100, 38.2519, -42.4556

Square

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



169.7790, -38.8380, -49.7952



158.2100, 47.7175, -138.7502



193.8750, 30.1346, 41.3286



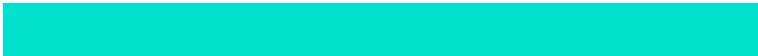
174.6520, -38.7754, 70.4652

Rectangle

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



169.7790, -38.8380, -49.7952



154.6300, 23.8464, -135.6105



193.8750, 30.1346, 41.3286



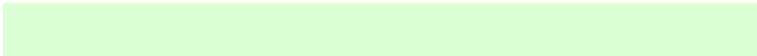
170.8410, 5.0084, 73.8074

Sweetspot

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



169.7790, -38.8380, -49.7952



239.3340, -13.4757, -17.8329



186.4770, -47.0702, 24.1377



118.7570, -8.2612, -10.3109



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.



169.7790, -38.8380, -49.7952



191.8800, -55.6498, -70.9318



167.6470, -18.5600, -67.2194



103.0550, -3.4781, -4.4332



109.6460, -54.0555, -68.9725



27.6330, -13.6231, -17.2181

Inverse Universe

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



135.2210, 38.8380, 49.7952



142.4190, 55.5024, 71.5465



137.3530, 18.5600, 67.2194



99.9450, 3.4781, 4.4332



61.3540, 54.0555, 68.9725



15.6660, 13.4757, 17.8329

Previews

White Background



This preview shows how the YUV color 169.7790, -38.8380, -49.7952 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 169.7790, -38.8380, -49.7952 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 169.7790, -38.8380, -49.7952 Background



This preview shows how black text looks on a background with the YUV color 169.7790, -38.8380, -49.7952.



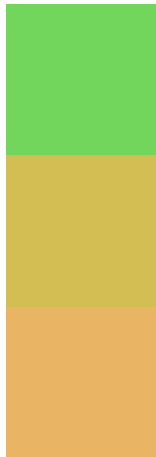
This preview shows how white text looks on a background with the YUV color 169.7790, -38.8380, -49.7952.

-49.7952.

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

169.7790, -38.8380, -49.7952

Protanopia

184.1950, -49.3961, 23.5080

Deuteranopia

187.3140, -43.0458, 40.0666



Tritanopia

183.6880, 16.4228, -40.9454

Trichromacy



Original Color

169.7790, -38.8380, -49.7952



Protanomaly

179.0560, -45.3836, -3.5571



Deuteranomaly

180.8600, -41.3430, 7.1388



Tritanomaly

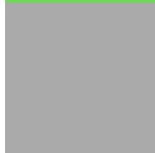
178.6880, -3.7902, -44.4534

Monochromacy



Original Color

169.7790, -38.8380, -49.7952



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.8070, -14.2019, -18.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7790, -38.8380, -49.7952 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(113, 214, 91)` looks like.

```
.text, #text, p{  
    color:rgb(113, 214, 91)  
}
```

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(113, 214, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 214, 91) }
```

Border

The CSS property to change the border of an element to YUV 169.7790, -38.8380, -49.7952 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(113, 214, 91) }
```


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

```
.border{ border-color:rgb(113, 214, 91) }
```

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

Here you see how a box with a 4 pixel rgb(113, 214, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 214, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 214, 91);  
box-shadow:4px 4px 4px 4px rgb(113, 214,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 169.7790, -38.8380, -49.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 214, 91) }
```

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

```
.background{ background-color: rgb(113,  
214, 91) }
```

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