

# Converting Colors

YUV(145.4730, -21.4322,  
-79.3448)

Have a look what the booklet for  
YUV(145.4730, -21.4322, -79.3448)  
contains.

<b>YUV(145.4730, -21.4322, -79.3448)</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(145.4730, -21.4322,  
-79.3448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37C866
RGB	55, 200, 102
RGB Percent	22%, 78%, 40%
CMY	0.7843, 0.2157, 0.6000
CMYK	0.72, 0.00, 0.49, 0.22
HSL	139°, 57%, 50%
HSV	139°, 72%, 78%
XYZ	24.6281, 43.0801, 19.5876
YIQ	145.4730, -54.9620, -61.2180

# Conversions

## Conversions Part 2

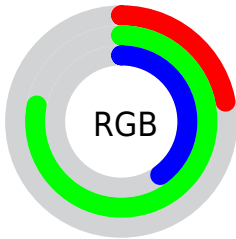
Format	Color
<a href="#">RYB</a>	<a href="#">55, 165, 200</a>
Decimal	<a href="#">3655782</a>
CIELab	<a href="#">71.61, -58.86, 38.15</a>
CIELCh	<a href="#">72, 70.144, 147.054</a>
Yxy	<a href="#">43.0801, 0.2821, 0.4935</a>
Android (android.graphics.Color)	<a href="#">4281845862</a> ( <a href="#">0xFF37C866</a> )
YUV	<a href="#">145.4730, -21.4322, -79.3448</a>
Hunter-Lab	<a href="#">65.6354, -47.8842, 28.2508</a>

# Details

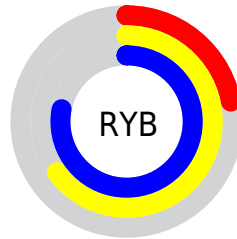
The YUV color **145.4730, -21.4322, -79.3448** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **109.5270, 21.4322, 79.3448**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.5340, -23.9273, -72.3823**, and **91.0430, -19.2482, -79.8447** is the 20% darker color. If you saturate the color by 10%, you get **137.8970, -24.5992, -90.2407**, and if you desaturate by 10%, it is **153.0490, -18.2652, -68.4490**.

# Distribution



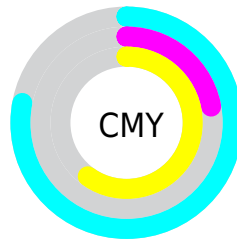
- Red (22%)
- Green (78%)
- Blue (40%)



- Red (22%)
- Yellow (65%)
- Blue (78%)



- Cyan (72%)
- Magenta (0%)
- Yellow (49%)
- Black (22%)



- Cyan (78%)
- Magenta (22%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 145.4730, -21.4322, -79.3448 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 145.4730, -21.4322, -79.3448 by changing the saturation by 10% instead.



■ 145.4730,  
-21.4322, -79.3448

■ 145.4730,  
-21.4322, -79.3448

■ 255.0000, 0.0000,  
0.0000

■ 109.7420,  
-16.1418, -96.2437

■ 203.5340,  
-23.9273, -72.3823

■ 91.0430, -19.2482,  
-79.8447

■ 215.8810,  
-16.7033, -56.0236

■ 72.3440, -22.3546,  
-63.4457

■ 228.0430, -8.8952,  
-40.3797

■ 54.0040, -26.6240,  
-47.3615

■ 240.3190, -0.6503,  
-24.8358

■ 39.3290, -19.3892,  
-34.4915

■ 251.1130, 1.9163,  
-7.9921

■ 25.8280, -12.7332,  
-22.6512

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,  
0.0000

■ 145.4730,  
-21.4322, -79.3448

■ 145.4730,  
-21.4322, -79.3448

■ 137.8970,  
-24.5992, -90.2407

■ 153.0490,  
-18.2652, -68.4490

■ 130.4350,  
-27.3295, -101.2365

■ 160.5110,  
-15.5349, -57.4531

■ 124.8100,  
-29.4863, -109.4584

■ 168.0870,  
-12.3679, -46.5573

■ 175.5490, -9.6377,  
-35.5615

■ 183.1250, -6.4706,  
-24.6656

■ 190.5870, -3.7404,  
-13.6698

■ 198.1630, -0.5734,  
-2.7740

■ 205.6250, 2.1569,  
8.2219

■ 213.2010, 5.3239,  
19.1177

# Harmonies

## Analogous

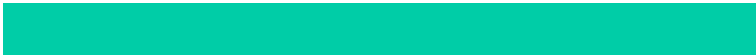
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.5640, -55.9871, -9.2646



145.4730, -21.4322, -79.3448



139.3730, 13.6201, -122.2301

# Triad

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



145.4730, -21.4322, -79.3448



137.6650, 57.8462, -120.7322



161.0660, -19.7525, 82.3801

# Complementary

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



145.4730, -21.4322, -79.3448



109.5270, 21.4322, 79.3448

# 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.



164.2530, 10.2283, 79.5851



145.4730, -21.4322, -79.3448



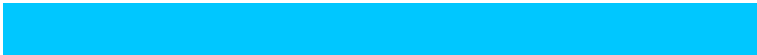
172.6130, 40.6168, -7.5536

# Square

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



145.4730, -21.4322, -79.3448



145.8830, 53.7947, -127.9394



179.9680, 32.5538, 58.7871



168.8840, -50.7218, 75.5237

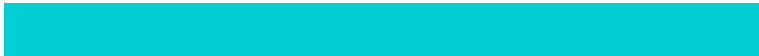


# Rectangle

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



145.4730, -21.4322, -79.3448



144.9760, 32.5498, -127.1440



179.9680, 32.5538, 58.7871



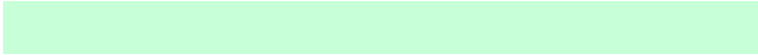
159.9380, -8.8434, 83.3694

# Sweetspot

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



145.4730, -21.4322, -79.3448



233.9240, -8.3435, -30.6283



169.7160, -56.5550, -13.7829



115.2120, -5.0345, -18.6029



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.



145.4730, -21.4322, -79.3448



171.5220, -32.7953, -121.4838



153.5670, 9.5805, -86.4433



95.6250, -1.2941, -4.9331



101.7230, -24.0204, -89.2111



22.5000, -5.1765, -19.7325



# Inverse Universe

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



109.5270, 21.4322, 79.3448



116.4780, 32.7953, 121.4838



101.4330, -9.5805, 86.4433



93.3750, 1.2941, 4.9331



61.2770, 24.0204, 89.2111



13.5000, 5.1765, 19.7325



# Previews

## White Background



This preview shows how the YUV color 145.4730, -21.4322, -79.3448 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 145.4730, -21.4322, -79.3448 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 145.4730, -21.4322, -79.3448 Background



This preview shows how black text looks on a background with the YUV color 145.4730, -21.4322, -79.3448.



This preview shows how white text looks on a background with the YUV color 145.4730, -21.4322, -79.3448.

-79.3448.

# 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

145.4730, -21.4322, -79.3448

### Protanopia

170.1480, -38.0340, 19.1642

### Deuteranopia

172.7720, -30.9466, 32.6490



## Tritanopia

161.4080, 20.9979, -61.7478

# Trichromacy



## Original Color

145.4730, -21.4322, -79.3448



## Protanomaly

160.8230, -31.9577, -16.5078



## Deuteranomaly

162.7300, -27.4749, -7.6562



## Tritanomaly

155.6510, 5.5951, -68.0999

# Monochromacy



## Original Color

145.4730, -21.4322, -79.3448



## Achromatopsia

145.0000, 0.0000, 0.0000



## Achromatomaly

145.0490, -7.9122, -28.9840

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.4730, -21.4322, -79.3448 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(55, 200, 102)` looks like.

```
.text, #text, p{  
    color:rgb(55, 200, 102)  
}
```

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(55, 200, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 200, 102) }
```

## Border

The CSS property to change the border of an element to YUV 145.4730, -21.4322, -79.3448 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(55, 200, 102) }
```



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

```
.border{ border-color:rgb(55, 200, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 200, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 200, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 200, 102);  
box-shadow:4px 4px 4px 4px rgb(55, 200,  
102) }
```

# Background

The CSS property to change the background color of an element to YUV 145.4730, -21.4322, -79.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 200, 102) }
```

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

```
.background{ background-color: rgb(55, 200,  
102) }
```

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