

# Converting Colors

YUV(126.4730, -21.4322,  
-79.3448)

Have a look what the booklet for  
YUV(126.4730, -21.4322, -79.3448)  
contains.

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# Color

**YUV(126.4730, -21.4322,  
-79.3448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24B553
RGB	36, 181, 83
RGB Percent	14%, 71%, 33%
CMY	0.8588, 0.2902, 0.6745
CMYK	0.80, 0.00, 0.54, 0.29
HSL	139°, 67%, 43%
HSV	139°, 80%, 71%
XYZ	18.8128, 34.0473, 13.7639
YIQ	126.4730, -54.9620, -61.2180

# Conversions

## Conversions Part 2

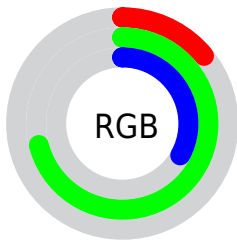
Format	Color
<a href="#">RYB</a>	<a href="#">36, 146, 181</a>
Decimal	<a href="#">2405715</a>
CIELab	<a href="#">65.00, -57.75, 39.28</a>
CIELCh	<a href="#">65, 69.842, 145.776</a>
Yxy	<a href="#">34.0473, 0.2824, 0.5110</a>
Android (android.graphics.Color)	<a href="#">4280595795</a> ( <a href="#">0xFF24B553</a> )
YUV	<a href="#">126.4730, -21.4322, -79.3448</a>
Hunter-Lab	<a href="#">58.3501, -44.5622, 26.8595</a>

# Details

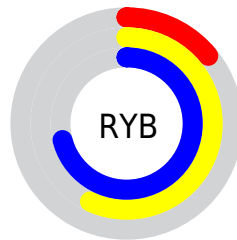
The YUV color **126.4730, -21.4322, -79.3448** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **90.5270, 21.4322, 79.3448**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7900, -25.5325, -70.8528**, and **78.3110, -22.3383, -68.6787** is the 20% darker color. If you saturate the color by 10%, you get **119.7230, -24.0204, -89.2111**, and if you desaturate by 10%, it is **133.2230, -18.8439, -69.4786**.

# Distribution



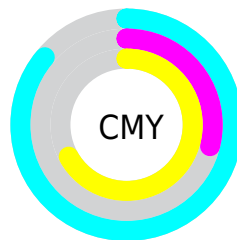
- Red (14%)
- Green (71%)
- Blue (33%)



- Red (14%)
- Yellow (57%)
- Blue (71%)



- Cyan (80%)
- Magenta (0%)
- Yellow (54%)
- Black (29%)




- Cyan (86%)
- Magenta (29%)
- Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 126.4730, -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 126.4730, -21.4322, -79.3448 by changing the saturation by 10% instead.





 126.4730,  
-21.4322, -79.3448


 126.4730,  
-21.4322, -79.3448


255.0000, 0.0000,  
0.0000


 96.4230, -18.9425,  
-84.5630


 186.7900,  
-25.5325, -70.8528

 78.3110, -22.3383,  
-68.6787


 209.1160,  
-23.2282, -63.2457


 59.0420, -27.6287,  
-51.7798


 221.1640,  
-15.8569, -47.5018

 44.0250, -21.7043,  
-38.6099

 233.0270, -7.9013,  
-32.4727

 30.5240, -15.0483,  
-26.7695

 245.6020, 0.1962,  
-16.3140

 15.2620, -7.5242,  
-13.3848

 0.0000, 0.0000,

0.0000

■ 126.4730,  
-21.4322, -79.3448

■ 126.4730,  
-21.4322, -79.3448

■ 119.7230,  
-24.0204, -89.2111

■ 133.2230,  
-18.8439, -69.4786

■ 112.9730,  
-26.6087, -99.0773

■ 139.9730,  
-16.2557, -59.6123

■ 146.8370,  
-13.2306, -49.8460

■ 153.5870,  
-10.6424, -39.9798

■ 160.6360, -8.2015,  
-29.4988

■ 167.3860, -5.6133,  
-19.6325

■ 174.2500, -2.5882,  
-9.8662

■ 181.0000, 0.0000,  
0.0000

■ 187.7500, 2.5882,  
9.8663

# Harmonies

## Analogous

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



142.8910, -58.6133, -6.9204



126.4730, -21.4322, -79.3448



125.9400, 10.3826, -110.4494

# Triad

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



126.4730, -21.4322, -79.3448



127.6860, 62.7658, -111.9806



147.7300, -20.0799, 94.0758

# Complementary

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



126.4730, -21.4322, -79.3448



90.5270, 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.



151.2760, 8.7379, 90.9659



126.4730, -21.4322, -79.3448



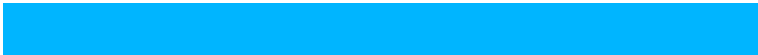
155.7460, 48.9322, -14.6862

# Square

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



126.4730, -21.4322, -79.3448



135.3170, 59.0037, -118.6730



161.1740, 33.4382, 55.0984



151.9490, -49.2749, 78.0977



# Rectangle

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



126.4730, -21.4322, -79.3448



131.4290, 28.8755, -115.2632



161.1740, 33.4382, 55.0984



147.0750, -9.8970, 94.6502

# Sweetspot

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



126.4730, -21.4322, -79.3448



213.6250, -8.1961, -31.2431



150.7160, -56.5550, -13.7829



104.2120, -5.0345, -18.6029



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



126.4730, -21.4322, -79.3448



149.9840, -33.5161, -123.6430



134.5670, 9.5805, -86.4433



85.6250, -1.2941, -4.9331



95.5110, -22.4369, -83.7631



16.1740, -4.0298, -14.1846



# Inverse Universe

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



90.5270, 21.4322, 79.3448



94.0160, 33.5161, 123.6430



82.4330, -9.5805, 86.4433



83.3750, 1.2941, 4.9331



57.4890, 22.4369, 83.7631



9.7120, 3.5930, 14.2846



# Previews

## White Background



This preview shows how the YUV color 126.4730, -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 126.4730, -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 126.4730, -21.4322, -79.3448 Background



This preview shows how black text looks on a background with the YUV color 126.4730, -21.4322, -79.3448.



This preview shows how white text looks on a background with the YUV color 126.4730, -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

126.4730, -21.4322, -79.3448

### Protanopia

152.4360, -38.1759, 18.0346

### Deuteranopia

154.6470, -31.3780, 31.0046



## Tritanopia

143.7890, 19.8240, -58.5740

# Trichromacy



## Original Color

126.4730, -21.4322, -79.3448



## Protanomaly

143.1110, -32.0997, -17.6373



## Deuteranomaly

144.6050, -27.9063, -9.3006



## Tritanomaly

137.4340, 4.7160, -66.1556

# Monochromacy



## Original Color

126.4730, -21.4322, -79.3448



## Achromatopsia

126.0000, 0.0000, 0.0000



## Achromatomaly

126.0490, -7.9122, -28.9840

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.4730, -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(36, 181, 83)` looks like.

```
.text, #text, p{  
    color:rgb(36, 181, 83)  
}
```

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(36, 181, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 181, 83) }
```

## Border

The CSS property to change the border of an element to YUV 126.4730, -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(36, 181, 83) }
```



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

```
.border{ border-color:rgb(36, 181, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 181, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 181, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 181, 83);  
box-shadow:4px 4px 4px 4px rgb(36, 181,  
83) }
```

# Background

The CSS property to change the background color of an element to YUV 126.4730, -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(36, 181, 83) }
```

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

```
.background{ background-color: rgb(36, 181,  
83) }
```

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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