

# Converting Colors

YUV(165.5880, -22.4749,  
-71.5527)

Have a look what the booklet for  
YUV(165.5880, -22.4749, -71.5527)  
contains.

<b>YUV(165.5880, -22.4749, -71.5527)</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(165.5880, -22.4749,  
-71.5527)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54D878
RGB	84, 216, 120
RGB Percent	33%, 85%, 47%
CMY	0.6706, 0.1529, 0.5294
CMYK	0.61, 0.00, 0.44, 0.15
HSL	136°, 63%, 59%
HSV	136°, 61%, 85%
XYZ	31.6022, 52.3526, 26.2088
YIQ	165.5880, -47.8560, -57.8400

# Conversions

## Conversions Part 2

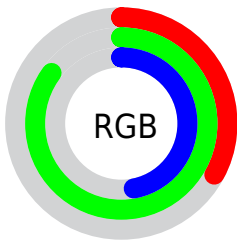
Format	Color
<a href="#">RYB</a>	<a href="#">84, 188, 216</a>
Decimal	<a href="#">5560440</a>
CIELab	<a href="#">77.49, -56.59, 36.78</a>
CIELCh	<a href="#">77, 67.494, 146.979</a>
Yxy	<a href="#">52.3526, 0.2869, 0.4752</a>
Android (android.graphics.Color)	<a href="#">4283750520 (0xFF54D878)</a>
YUV	<a href="#">165.5880, -22.4749, -71.5527</a>
Hunter-Lab	<a href="#">72.3551, -48.6589, 29.1723</a>

# Details

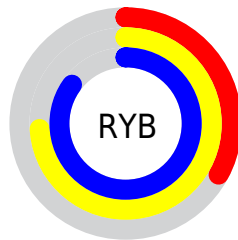
The YUV color **165.5880, -22.4749, -71.5527** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **134.4120, 22.4749, 71.5527**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7620, -19.6027, -59.4273**, and **101.7860, -16.1635, -89.2663** is the 20% darker color. If you saturate the color by 10%, you get **157.1860, -26.2207, -83.4781**, and if you desaturate by 10%, it is **173.9900, -18.7291, -59.6272**.

# Distribution



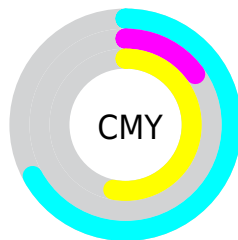
- Red (33%)
- Green (85%)
- Blue (47%)



- Red (33%)
- Yellow (74%)
- Blue (85%)



- Cyan (61%)
- Magenta (0%)
- Yellow (44%)
- Black (15%)



- Cyan (67%)
- Magenta (15%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.5880, -22.4749, -71.5527 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 165.5880, -22.4749, -71.5527 by changing the saturation by 10% instead.



■ 165.5880,  
-22.4749, -71.5527

■ 165.5880,  
-22.4749, -71.5527

■ 255.0000, 0.0000,  
0.0000

■ 135.7230,  
-20.5694, -76.0561

■ 212.7620,  
-19.6027, -59.4273

■ 101.7860,  
-16.1635, -89.2663

■ 224.9240,  
-11.7945, -43.7833

■ 83.2010, -18.8331,  
-72.9673

■ 237.2000, -3.5496,  
-28.2394

■ 64.9750, -22.6657,  
-56.9831

■ 249.0200, 2.9481,  
-12.2955

■ 47.5470, -23.4407,  
-41.6987

■ 33.4590, -16.4953,  
-29.3435

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,  
0.0000

■ 165.5880,  
-22.4749, -71.5527

■ 165.5880,  
-22.4749, -71.5527

■ 157.1860,  
-26.2207, -83.4781

■ 173.9900,  
-18.7291, -59.6272

■ 149.1970,  
-29.6771, -94.8888

■ 181.9790,  
-15.2726, -48.2166

■ 140.7950,  
-33.4229, -106.8142

■ 190.3810,  
-11.5268, -36.2911

■ 133.5180,  
-36.7374, -117.0953

■ 198.4840, -7.6336,  
-24.9805

■ 206.8860, -3.8878,  
-13.0550

■ 215.1740, -0.5788,  
-1.0296

■ 223.2770, 3.3144,  
10.2811

■ 231.0810, 7.3551,  
20.9770

■ 232.1070, 11.2862,  
20.0772

# Harmonies

## Analogous

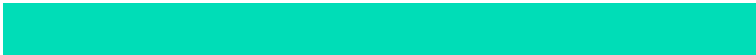
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178.9600, -53.2243, -8.7349



165.5880, -22.4749, -71.5527



150.5890, 15.9786, -132.0666

# Triad

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



165.5880, -22.4749, -71.5527



146.4700, 53.5053, -128.4542



174.1570, -17.8254, 70.8993

# Complementary

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



165.5880, -22.4749, -71.5527



134.4120, 22.4749, 71.5527

# 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.



178.2900, 10.7030, 67.2747



165.5880, -22.4749, -71.5527



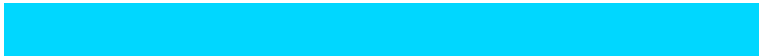
187.9740, 33.0438, -5.2392

# Square

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



165.5880, -22.4749, -71.5527



155.2750, 49.1644, -136.1762



193.9520, 30.0967, 53.5391



181.1430, -46.9055, 64.7726



# Rectangle

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



165.5880, -22.4749, -71.5527



156.0780, 34.4715, -136.8804



193.9520, 30.0967, 53.5391



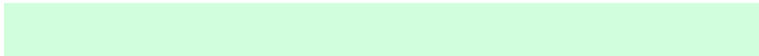
174.0890, -7.9319, 70.9589

# Sweetspot

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



165.5880, -22.4749, -71.5527



237.4840, -7.6336, -24.9805



190.4870, -52.4981, -8.3201



116.9350, -4.8980, -15.7290



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.



165.5880, -22.4749, -71.5527



183.9960, -31.5500, -100.8515



172.9980, 5.9170, -78.0512



102.7990, -1.8729, -5.9627



105.7350, -28.9564, -92.7296



26.6090, -7.2022, -23.3361



# Inverse Universe

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



134.4120, 22.4749, 71.5527



140.0040, 31.5500, 100.8515



127.0020, -5.9170, 78.0512



100.2010, 1.8729, 5.9627



65.2650, 28.9564, 92.7296



16.5050, 7.6390, 23.2361



# Previews

## White Background



This preview shows how the YUV color 165.5880, -22.4749, -71.5527 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 165.5880, -22.4749, -71.5527 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

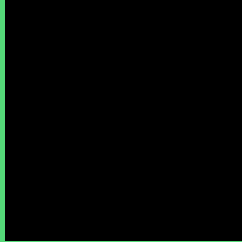
Any Text WCAG AA ✓ Pass

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 165.5880, -22.4749, -71.5527 Background



This preview shows how black text looks on a background with the YUV color 165.5880, -22.4749, -71.5527.



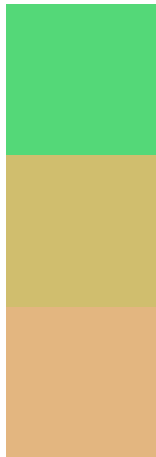
This preview shows how white text looks on a background with the YUV color 165.5880, -22.4749, -71.5527.

-71.5527.

# 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

165.5880, -22.4749, -71.5527

### Protanopia

186.2620, -37.5972, 19.0642

### Deuteranopia

189.2990, -30.2204, 33.0638



## Tritanopia

178.7290, 20.8396, -57.6443

# Trichromacy



## Original Color

165.5880, -22.4749, -71.5527



## Protanomaly

178.5460, -31.8212, -13.6338



## Deuteranomaly

180.4530, -27.3383, -4.7823



## Tritanomaly

173.5700, 5.1420, -62.7669

# Monochromacy



## Original Color

165.5880, -22.4749, -71.5527



## Achromatopsia

166.0000, 0.0000, 0.0000



## Achromatomaly

165.6580, -8.2124, -26.0101

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.5880, -22.4749, -71.5527 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(84, 216, 120)` looks like.

```
.text, #text, p{  
    color:rgb(84, 216, 120)  
}
```

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(84, 216, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 216, 120) }
```

## Border

The CSS property to change the border of an element to YUV 165.5880, -22.4749, -71.5527 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(84, 216, 120) }
```



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

```
.border{ border-color:rgb(84, 216, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 216, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 216, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 216, 120);  
box-shadow:4px 4px 4px 4px rgb(84, 216,  
120) }
```

# Background

The CSS property to change the background color of an element to YUV 165.5880, -22.4749, -71.5527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 216, 120) }
```

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

```
.background{ background-color: rgb(84, 216,  
120) }
```

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