

Converting Colors

YUV(163.8960, -16.2177,
-71.8228)

Have a look what the booklet for
YUV(163.8960, -16.2177, -71.8228)
contains.

YUV(163.8960, -16.2177, -71.8228)	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(163.8960, -16.2177,
-71.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	52D483
RGB	82, 212, 131
RGB Percent	32%, 83%, 51%
CMY	0.6784, 0.1686, 0.4863
CMYK	0.61, 0.00, 0.38, 0.17
HSL	143°, 60%, 58%
HSV	143°, 61%, 83%
XYZ	31.1199, 50.5195, 29.5838
YIQ	163.8960, -51.4790, -52.7510

Conversions

Conversions Part 2

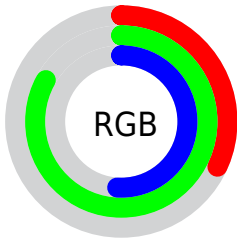
Format	Color
RYB	82, 176, 212
Decimal	5428355
CIELab	76.39, -53.60, 29.75
CIELCh	76, 61.306, 150.969
Yxy	50.5195, 0.2798, 0.4542
Android (android.graphics.Color)	4283618435 (0xFF52D483)
YUV	163.8960, -16.2177, -71.8228
Hunter-Lab	71.0771, -46.2317, 25.0762

Details

The YUV color **163.8960, -16.2177, -71.8228** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **130.1040, 16.2177, 71.8228**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5320, -14.0663, -61.8566**, and **100.8060, -9.7644, -88.4069** is the 20% darker color. If you saturate the color by 10%, you get **156.1350, -18.8006, -83.4334**, and if you desaturate by 10%, it is **171.6570, -13.6349, -60.2122**.

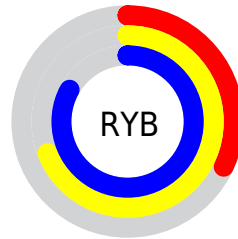
Distribution



Red (32%)

Green (83%)

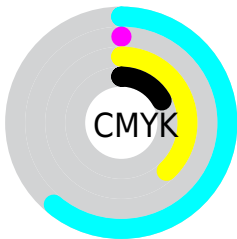
Blue (51%)



Red (32%)

Yellow (69%)

Blue (83%)

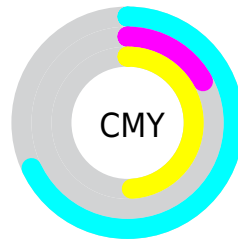


Cyan (61%)

Magenta (0%)

Yellow (38%)

Black (17%)



Cyan (68%)

Magenta (17%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8960, -16.2177, -71.8228 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 163.8960, -16.2177, -71.8228 by changing the saturation by 10% instead.

■ 163.8960,
-16.2177, -71.8228

■ 163.8960,
-16.2177, -71.8228

■ 255.0000, 0.0000,
0.0000

■ 134.0310,
-14.3123, -76.3262

■ 213.5320,
-14.0663, -61.8566

■ 100.8060, -9.7644,
-88.4069

■ 225.3950, -6.1107,
-46.8274

■ 82.2210, -12.4340,
-72.1078

■ 237.5570, 1.6974,
-31.1835

■ 64.2230, -15.3929,
-56.3236

■ 248.1230, 3.3904,
-14.1399

■ 46.8120, -18.6413,
-41.0541

■ 31.6980, -15.6271,
-27.7991

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 163.8960,
-16.2177, -71.8228

■ 163.8960,
-16.2177, -71.8228

■ 156.1350,
-18.8006, -83.4334

■ 171.6570,
-13.6349, -60.2122

■ 148.3740,
-21.3834, -95.0440

■ 179.4180,
-11.0521, -48.6016

■ 140.2000,
-24.2556, -107.1694

■ 187.5920, -8.1799,
-36.4762

■ 133.5640,
-26.4071, -117.1356

■ 195.3530, -5.5970,
-24.8656

■ 203.1140, -3.0142,
-13.2550

■ 210.8750, -0.4314,
-1.6444

■ 218.6360, 2.1515,
9.9662

■ 226.8100, 5.0237,
22.0916

■ 229.1890, 10.2598,
22.6362

Harmonies

Analogous

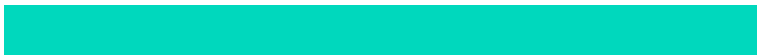
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



176.5170, -44.6249, -13.6084



163.8960, -16.2177, -71.8228



148.3380, 20.0464, -130.0924

Triad

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



163.8960, -16.2177, -71.8228



164.1770, 44.7757, -81.7162



176.5220, -21.4563, 68.8252

Complementary

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



163.8960, -16.2177, -71.8228



130.1040, 16.2177, 71.8228

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.



178.7970, 5.0301, 66.8300



163.8960, -16.2177, -71.8228



188.3280, 32.8693, 4.0973

Square

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



163.8960, -16.2177, -71.8228



151.1660, 51.1902, -132.5726



192.1110, 25.5813, 55.1537



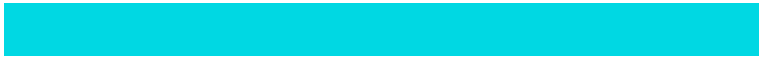
183.2460, -46.4633, 62.9283

Rectangle

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



163.8960, -16.2177, -71.8228



152.6700, 36.6447, -133.8916



192.1110, 25.5813, 55.1537



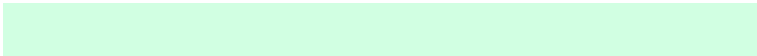
176.2260, -12.4364, 69.0848

Sweetspot

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



163.8960, -16.2177, -71.8228



237.9400, -5.8864, -25.3804



182.8280, -49.7082, -16.5122



117.2770, -3.5876, -16.0289



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.



163.8960, -16.2177, -71.8228



185.0370, -23.6822, -104.3954



171.1920, 11.7373, -78.2214



102.9130, -1.4361, -6.0627



107.6730, -21.5308, -94.4292



27.0650, -5.4550, -23.7360

Inverse Universe

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



130.1040, 16.2177, 71.8228



135.9630, 23.6822, 104.3954



122.8080, -11.7373, 78.2214



100.0870, 1.4361, 6.0627



63.2130, 21.0940, 94.5292



15.9350, 5.4550, 23.7360

Previews

White Background



This preview shows how the YUV color 163.8960, -16.2177, -71.8228 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 163.8960, -16.2177, -71.8228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

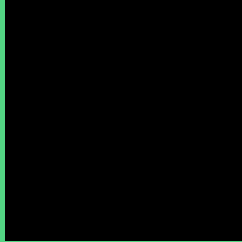
Any Text WCAG AA ✓ Pass

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 163.8960, -16.2177, -71.8228 Background



This preview shows how black text looks on a background with the YUV color 163.8960, -16.2177, -71.8228.



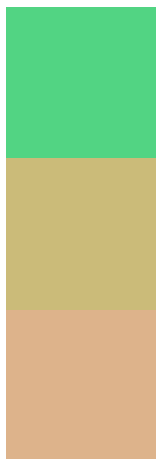
This preview shows how white text looks on a background with the YUV color 163.8960, -16.2177, -71.8228.

-71.8228.

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

163.8960, -16.2177, -71.8228

Protanopia

184.2600, -31.1872, 16.4350

Deuteranopia

186.9980, -23.6630, 29.8198



Tritanopia

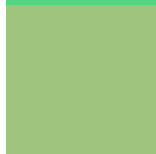
175.7180, 20.8450, -59.3887

Trichromacy



Original Color

163.8960, -16.2177, -71.8228



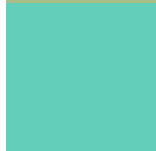
Protanomaly

176.8430, -25.5586, -15.6483



Deuteranomaly

178.4510, -20.9283, -7.4115



Tritanomaly

171.7270, 7.0366, -63.7816

Monochromacy



Original Color

163.8960, -16.2177, -71.8228



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.6410, -5.7390, -25.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8960, -16.2177, -71.8228 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(82, 212, 131)` looks like.

```
.text, #text, p{  
    color:rgb(82, 212, 131)  
}
```

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(82, 212, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 212, 131) }
```

Border

The CSS property to change the border of an element to YUV 163.8960, -16.2177, -71.8228 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(82, 212, 131) }
```


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

```
.border{ border-color:rgb(82, 212, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 212, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 212, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 212, 131);  
box-shadow:4px 4px 4px 4px rgb(82, 212,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 163.8960, -16.2177, -71.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 212, 131) }
```

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

```
.background{ background-color: rgb(82, 212,  
131) }
```

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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