

Converting Colors

YUV(163.3830, -71.6738,
-17.8759)

Have a look what the booklet for
YUV(163.3830, -71.6738, -17.8759)
contains.

YUV(163.3830, -71.6738, -17.8759)	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(163.3830, -71.6738,
-17.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCA12
RGB	143, 202, 18
RGB Percent	56%, 79%, 7%
CMY	0.4392, 0.2078, 0.9294
CMYK	0.29, 0.00, 0.91, 0.21
HSL	79°, 84%, 43%
HSV	79°, 91%, 79%
XYZ	32.5574, 48.1244, 8.1452
YIQ	163.3830, 23.9000, -69.7320

Conversions

Conversions Part 2

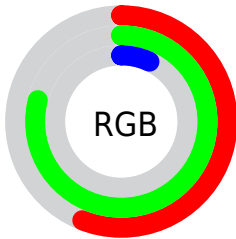
Format	Color
RYB	18, 202, 77
Decimal	9423378
CIELab	74.90, -41.98, 72.46
CIELCh	75, 83.742, 120.087
Yxy	48.1244, 0.3665, 0.5418
Android (android.graphics.Color)	4287613458 (0xFF8FCA12)
YUV	163.3830, -71.6738, -17.8759
Hunter-Lab	69.3717, -37.6273, 41.5987

Details

The YUV color **163.3830, -71.6738, -17.8759** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **56.6170, 71.6738, 17.8759**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8160, -64.9853, -16.5016**, and **112.5900, -55.5069, -23.3194** is the 20% darker color. If you saturate the color by 10%, you get **159.5370, -78.6517, -19.7649**, and if you desaturate by 10%, it is **167.4570, -63.8223, -16.1868**.

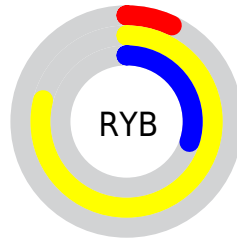
Distribution



Red (56%)

Green (79%)

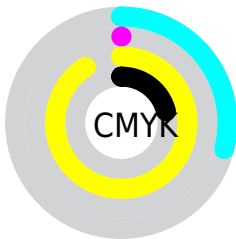
Blue (7%)



Red (7%)

Yellow (79%)

Blue (30%)

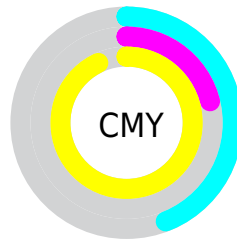


Cyan (29%)

Magenta (0%)

Yellow (91%)

Black (21%)



Cyan (44%)

Magenta (21%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3830, -71.6738, -17.8759 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 163.3830, -71.6738, -17.8759 by changing the saturation by 10% instead.

■ 163.3830,
-71.6738, -17.8759

■ 163.3830,
-71.6738, -17.8759

■ 255.0000, 0.0000,
0.0000

■ 136.2240,
-67.1584, -19.4904

■ 219.8160,
-64.9853, -16.5016

■ 112.5900,
-55.5069, -23.3194

■ 232.0920,
-56.7404, -0.9577

■ 87.7710, -43.2711,
-27.8632

■ 242.4600,
-48.0478, 10.9976

■ 62.6310, -30.8771,
-36.5104

■ 245.7660,
-35.3806, 8.0982

■ 42.2640, -20.8362,
-37.0655

■ 249.0720,
-22.7135, 5.1989

■ 28.7630, -14.1802,
-25.2252

■ 252.4920, -9.6096,

■ 15.2620, -7.5242,

2.1995

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 163.3830,
-71.6738, -17.8759

■ 163.3830,
-71.6738, -17.8759

■ 159.5370,
-78.6517, -19.7649

■ 167.4570,
-63.8223, -16.1868

■ 171.8300,
-56.1182, -13.8829

■ 176.0180,
-47.8299, -12.2938

■ 180.3910,
-40.1258, -9.9899

■ 184.4650,
-32.2742, -8.3008

■ 188.8380,
-24.5701, -5.9969

■ 192.9120,
-16.7186, -4.3078

■ 197.3990, -8.5777,
-2.1039

■ 201.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



172.0270, -84.8093, 42.0723



163.3830, -71.6738, -17.8759



137.2460, -17.3763, -120.3647

Triad

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



163.3830, -71.6738, -17.8759



152.9270, 50.3220, -134.1170



157.4370, 14.5746, 85.5628

Complementary

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



163.3830, -71.6738, -17.8759



56.6170, 71.6738, 17.8759

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.



179.2770, 37.3314, 66.4091



163.3830, -71.6738, -17.8759



142.9480, 55.2416, -125.3654

Square

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



163.3830, -71.6738, -17.8759



157.6230, 48.0069, -138.2354



179.1580, 37.3901, 0.7384



157.1050, -22.2368, 85.8539

Rectangle

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



163.3830, -71.6738, -17.8759



145.6360, 4.6165, -127.7228



179.1580, 37.3901, 0.7384



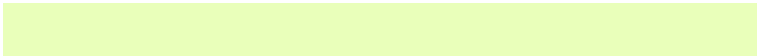
162.7490, 24.7737, 80.9041

Sweetspot

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



163.3830, -71.6738, -17.8759



240.5560, -26.8961, -6.6266



107.0620, -43.9076, 83.2606



119.1400, -15.8450, -4.5078



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.



163.3830, -71.6738, -17.8759



201.4120, -99.2961, -24.9173



136.1740, -58.2598, -73.8206



99.9630, -3.9258, -0.8446



131.2290, -64.6959, -15.9868



30.0800, -14.8294, -3.5782

Inverse Universe

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



56.6170, 71.6738, 17.8759



53.5880, 99.2961, 24.9173



83.8260, 58.2598, 73.8206



94.0370, 3.9258, 0.8446



34.7710, 64.6959, 15.9868



7.9200, 14.8294, 3.5782

Previews

White Background



This preview shows how the YUV color 163.3830, -71.6738, -17.8759 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 163.3830, -71.6738, -17.8759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

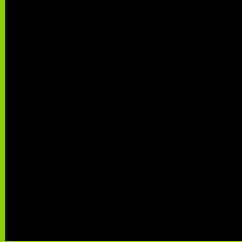
Any Text WCAG AA ✓ Pass

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 163.3830, -71.6738, -17.8759 Background



This preview shows how black text looks on a background with the YUV color 163.3830, -71.6738, -17.8759.



This preview shows how white text looks on a background with the YUV color 163.3830, -71.6738, -17.8759.

-17.8759.

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

163.3830, -71.6738, -17.8759

Protanopia

170.6990, -80.7036, 31.8360

Deuteranopia

175.8810, -66.4963, 48.3394



Tritanopia

181.9360, 10.3846, -17.4839

Trichromacy



Original Color

163.3830, -71.6738, -17.8759

Protanomaly

168.3870, -77.5918, 13.6926

Deuteranomaly

171.2710, -68.1676, 24.3183

Tritanomaly

175.1400, -19.2960, -17.6628

Monochromacy



Original Color

163.3830, -71.6738, -17.8759

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0830, -26.1699, -6.2118

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3830, -71.6738, -17.8759 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(143, 202, 18)` looks like.

```
.text, #text, p{  
    color:rgb(143, 202, 18)  
}
```

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(143, 202, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 202, 18) }
```

Border

The CSS property to change the border of an element to YUV 163.3830, -71.6738, -17.8759 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(143, 202, 18) }
```


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

```
.border{ border-color:rgb(143, 202, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 202, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 202, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 202, 18);  
box-shadow:4px 4px 4px 4px rgb(143, 202,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 163.3830, -71.6738, -17.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 202, 18) }
```

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

```
.background{ background-color: rgb(143,  
202, 18) }
```

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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