

Converting Colors

YUV(163.8070, -17.6529,
-31.4027)

Have a look what the booklet for
YUV(163.8070, -17.6529, -31.4027)
contains.

YUV(163.8070, -17.6529, -31.4027)	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(163.8070, -17.6529,
-31.4027)**

Conversions

Conversions Part 1

Format	Color
Hex	80BD80
RGB	128, 189, 128
RGB Percent	50%, 74%, 50%
CMY	0.4980, 0.2588, 0.4980
CMYK	0.32, 0.00, 0.32, 0.26
HSL	120°, 32%, 62%
HSV	120°, 32%, 74%
XYZ	30.9960, 42.5429, 27.0000
YIQ	163.8070, -16.7750, -31.9030

Conversions

Conversions Part 2

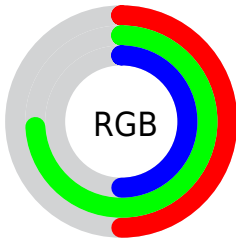
Format	Color
RYB	128, 189, 189
Decimal	8437120
CIELab	71.24, -31.89, 24.77
CIELCh	71, 40.380, 142.164
Yxy	42.5429, 0.3083, 0.4231
Android (android.graphics.Color)	4286627200 (0xFF80BD80)
YUV	163.8070, -17.6529, -31.4027
Hunter-Lab	65.2249, -29.3174, 21.1142

Details

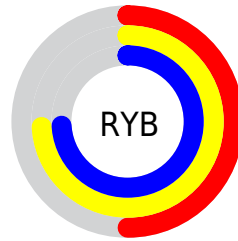
The YUV color **163.8070, -17.6529, -31.4027** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.1930, 17.6529, 31.4027**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7530, -19.1052, -32.2324**, and **110.8610, -16.2005, -30.5731** is the 20% darker color. If you saturate the color by 10%, you get **155.9600, -23.1513, -41.1839**, and if you desaturate by 10%, it is **171.6540, -12.1544, -21.6216**.

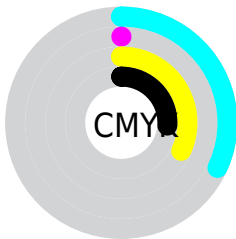
Distribution



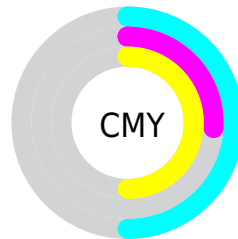
- Red (50%)
- Green (74%)
- Blue (50%)



- Red (50%)
- Yellow (74%)
- Blue (74%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (26%)



- Cyan (50%)
- Magenta (26%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8070, -17.6529, -31.4027 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 163.8070, -17.6529, -31.4027 by changing the saturation by 10% instead.

■ 163.8070,
-17.6529, -31.4027

■ 163.8070,
-17.6529, -31.4027

255.0000, 0.0000,
0.0000

■ 137.3340,
-16.9267, -30.9879

■ 219.7530,
-19.1052, -32.2324

■ 110.8610,
-16.2005, -30.5731

■ 236.6000,
-13.6068, -22.4512

■ 85.7900, -15.1795,
-31.3878

■ 248.4630, -5.6513,
-7.4221

■ 60.4200, -14.0111,
-32.8173

■ 36.9470, -13.2849,
-32.4025

■ 22.8930, -11.2862,
-20.0772

■ 5.2830, -2.6045,

-4.6332

■ 0.0000, 0.0000,
0.0000

■ 163.8070,
-17.6529, -31.4027

■ 163.8070,
-17.6529, -31.4027

■ 155.9600,
-23.1513, -41.1839

■ 171.6540,
-12.1544, -21.6216

■ 148.1130,
-28.6497, -50.9651

■ 179.5010, -6.6560,
-11.8404

■ 140.2660,
-34.1481, -60.7463

■ 187.3480, -1.1576,
-2.0592

■ 132.4190,
-39.6466, -70.5275

■ 195.1950, 4.3409,
7.7220

■ 124.5720,
-45.1450, -80.3086

■ 203.0420, 9.8393,
17.5032

■ 117.1380,
-50.3540, -89.5750

■ 210.4760, 15.0483,
26.7695

■ 110.9430,
-54.6949, -97.2970

■ 216.2580, 19.0998,
33.9767

Harmonies

Analogous

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



169.3460, -31.7226, 1.4506



163.8070, -17.6529, -31.4027



154.8960, 3.9953, -68.3148

Triad

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



163.8070, -17.6529, -31.4027



164.6040, 40.6212, -55.7807



176.8290, -13.7197, 60.6630

Complementary

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



163.8070, -17.6529, -31.4027



153.1930, 17.6529, 31.4027

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.



178.3670, 3.7631, 53.1751



163.8070, -17.6529, -31.4027



175.2400, 32.9127, -9.8575

Square

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



163.8070, -17.6529, -31.4027



140.9680, 44.8788, -114.8589



179.1540, 20.1371, 27.9289



174.9900, -28.0961, 51.7518

Rectangle

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



163.8070, -17.6529, -31.4027



144.3940, 21.9908, -100.3235



179.1540, 20.1371, 27.9289



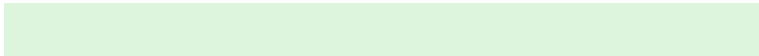
177.6100, -8.1887, 59.9780

Sweetspot

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



163.8070, -17.6529, -31.4027



234.6750, -7.2348, -12.8700



182.0460, -26.6447, 6.0987



116.2180, -4.0515, -7.2072



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



163.8070, -17.6529, -31.4027



205.3520, -27.7815, -49.4207



167.3410, -4.1121, -34.5021



90.2830, -2.6045, -4.6332



92.7460, -45.7238, -81.3382



18.1970, -8.9711, -15.9588

Inverse Universe

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



153.1930, 17.6529, 31.4027



188.6480, 27.7815, 49.4207



149.7730, 4.5489, 34.4021



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 163.8070, -17.6529, -31.4027 looks on a white background.

Color Contrast Check

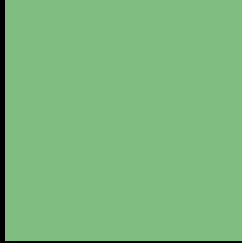
Large Text (above 18pt) WCAG AA × Fail

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 163.8070, -17.6529, -31.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

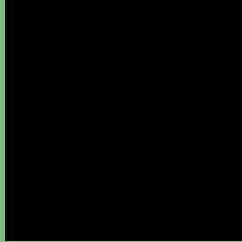
Any Text WCAG AA ✓ Pass

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 163.8070, -17.6529, -31.4027 Background



This preview shows how black text looks on a background with the YUV color 163.8070, -17.6529, -31.4027.



This preview shows how white text looks on a background with the YUV color 163.8070, -17.6529, -31.4027.

-31.4027.

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

163.8070, -17.6529, -31.4027

Protanopia

172.1440, -25.2140, 13.9057

Deuteranopia

174.1870, -20.3052, 26.1460



Tritanopia

170.3370, 12.1589, -26.6055

Trichromacy



Original Color

163.8070, -17.6529, -31.4027

Protanomaly

168.8430, -22.1076, -2.4933

Deuteranomaly

170.2830, -19.3665, 5.0138

Tritanomaly

168.1660, 1.3972, -28.2096

Monochromacy



Original Color

163.8070, -17.6529, -31.4027

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8070, -17.6529, -31.4027 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(128, 189, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 189, 128)  
}
```

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(128, 189, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 189, 128) }
```

Border

The CSS property to change the border of an element to YUV 163.8070, -17.6529, -31.4027 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(128, 189, 128) }
```


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

```
.border{ border-color:rgb(128, 189, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 189, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 189, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 189, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 189,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 163.8070, -17.6529, -31.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 189, 128) }
```

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

```
.background{ background-color: rgb(128,  
189, 128) }
```

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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