

Converting Colors

YUV(162.4890, -18.9751,
-74.0969)

Have a look what the booklet for
YUV(162.4890, -18.9751, -74.0969)
contains.

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Color

**YUV(162.4890, -18.9751,
-74.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	4ED57C
RGB	78, 213, 124
RGB Percent	31%, 84%, 49%
CMY	0.6941, 0.1647, 0.5137
CMYK	0.63, 0.00, 0.42, 0.16
HSL	140°, 62%, 57%
HSV	140°, 63%, 84%
XYZ	30.5742, 50.6634, 27.2364
YIQ	162.4890, -51.8910, -56.2990

Conversions

Conversions Part 2

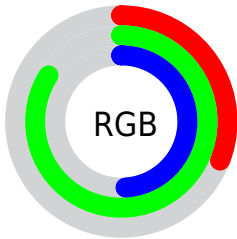
Format	Color
RYB	78, 179, 213
Decimal	5166460
CIELab	76.47, -56.01, 33.42
CIELCh	76, 65.222, 149.173
Yxy	50.6634, 0.2819, 0.4671
Android (android.graphics.Color)	4283356540 (0xFF4ED57C)
YUV	162.4890, -18.9751, -74.0969
Hunter-Lab	71.1783, -47.8883, 27.1374

Details

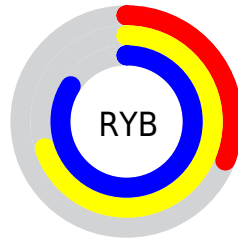
The YUV color **162.4890, -18.9751, -74.0969** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **128.5110, 18.9751, 74.0969**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.7230, -17.1184, -62.9011**, and **100.5950, -13.1113, -88.2218** is the 20% darker color. If you saturate the color by 10%, you get **154.6140, -21.9947, -85.6075**, and if you desaturate by 10%, it is **170.3640, -15.9555, -62.5862**.

Distribution



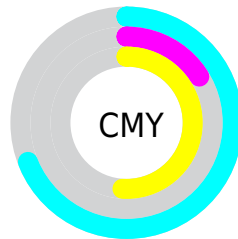
- Red (31%)
- Green (84%)
- Blue (49%)



- Red (31%)
- Yellow (70%)
- Blue (84%)



- Cyan (63%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (69%)
- Magenta (16%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.4890, -18.9751, -74.0969 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 162.4890, -18.9751, -74.0969 by changing the saturation by 10% instead.

■ 162.4890,
-18.9751, -74.0969

■ 162.4890,
-18.9751, -74.0969

■ 255.0000, 0.0000,
0.0000

■ 132.0260,
-16.7748, -79.8298

■ 211.7230,
-17.1184, -62.9011

■ 100.5950,
-13.1113, -88.2218

■ 223.5860, -9.1629,
-47.8719

■ 81.8960, -16.2177,
-71.8228

■ 235.8620, -0.9180,
-32.3280

■ 63.8980, -19.1767,
-56.0385

■ 247.2260, 3.8326,
-15.9842

■ 46.3730, -22.8619,
-40.6691

■ 32.2850, -15.9165,
-28.3139

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 162.4890,
-18.9751, -74.0969

■ 162.4890,
-18.9751, -74.0969

■ 154.6140,
-21.9947, -85.6075

■ 170.3640,
-15.9555, -62.5862

■ 146.4400,
-24.8669, -97.7329

■ 178.5380,
-13.0832, -50.4608

■ 138.5650,
-27.8865, -109.2435

■ 186.4130,
-10.0636, -38.9502

■ 133.3530,
-29.7540, -116.9506

■ 194.2880, -7.0440,
-27.4396

■ 202.4620, -4.1718,
-15.3142

■ 210.3370, -1.1521,
-3.8035

■ 218.2120, 1.8675,
7.7071

■ 226.0870, 4.8871,
19.2177

■ 229.7760, 9.9704,
22.1214

Harmonies

Analogous

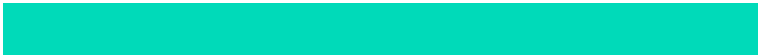
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.9750, -49.2877, -11.3791



162.4890, -18.9751, -74.0969



149.0560, 17.7204, -130.7221

Triad

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



162.4890, -18.9751, -74.0969



145.3180, 54.0732, -123.9359



174.1740, -20.2988, 70.8844

Complementary

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



162.4890, -18.9751, -74.0969



128.5110, 18.9751, 74.0969

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.



176.9050, 7.9348, 68.4893



162.4890, -18.9751, -74.0969



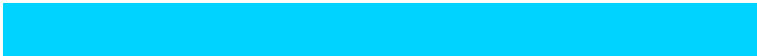
186.5340, 33.7537, 0.4087

Square

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



162.4890, -18.9751, -74.0969



152.9270, 50.3220, -134.1170



192.3220, 28.9283, 54.9686



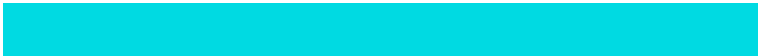
181.0290, -47.3423, 64.8726

Rectangle

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



162.4890, -18.9751, -74.0969



153.7300, 35.6291, -134.8212



192.3220, 28.9283, 54.9686



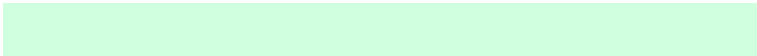
173.4050, -10.5527, 71.5588

Sweetspot

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



162.4890, -18.9751, -74.0969



237.0000, -6.9020, -26.3100



184.1550, -52.3344, -14.1679



116.7500, -4.3137, -16.4437



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.



162.4890, -18.9751, -74.0969



182.4020, -27.3132, -106.4696



170.0130, 9.8536, -80.6954



102.9130, -1.4361, -6.0627



106.9890, -24.1516, -93.8294



26.9510, -5.8918, -23.6360

Inverse Universe

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



128.5110, 18.9751, 74.0969



133.5980, 27.3132, 106.4696



120.9870, -9.8536, 80.6954



100.0870, 1.4361, 6.0627



64.0110, 24.1516, 93.8294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 162.4890, -18.9751, -74.0969 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 162.4890, -18.9751, -74.0969 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 162.4890, -18.9751, -74.0969 Background



This preview shows how black text looks on a background with the YUV color 162.4890, -18.9751, -74.0969.



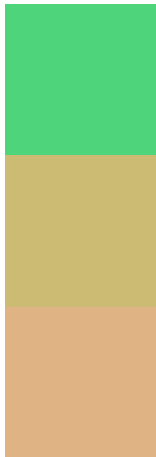
This preview shows how white text looks on a background with the YUV color 162.4890, -18.9751, -74.0969.

-74.0969.

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

162.4890, -18.9751, -74.0969

Protanopia

183.7610, -34.3922, 17.7496

Deuteranopia

186.7980, -27.0154, 31.7492



Tritanopia

175.4190, 20.9924, -60.0035

Trichromacy



Original Color

162.4890, -18.9751, -74.0969



Protanomaly

175.7460, -28.4688, -15.5632



Deuteranomaly

177.6530, -23.9859, -6.7117



Tritanomaly

170.6020, 6.6052, -65.4260

Monochromacy



Original Color

162.4890, -18.9751, -74.0969



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

162.2880, -7.0440, -27.4396

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4890, -18.9751, -74.0969 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(78, 213, 124)` looks like.

```
.text, #text, p{  
    color:rgb(78, 213, 124)  
}
```

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(78, 213, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 213, 124) }
```

Border

The CSS property to change the border of an element to YUV 162.4890, -18.9751, -74.0969 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(78, 213, 124) }
```


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

```
.border{ border-color:rgb(78, 213, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 213, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 213, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 213, 124);  
box-shadow:4px 4px 4px 4px rgb(78, 213,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 162.4890, -18.9751, -74.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 213, 124) }
```

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

```
.background{ background-color: rgb(78, 213,  
124) }
```

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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