

Converting Colors

YUV(171.4740, -26.3627,
-84.6077)

Have a look what the booklet for
YUV(171.4740, -26.3627, -84.6077)
contains.

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Color

**YUV(171.4740, -26.3627,
-84.6077)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4BE776 |
| RGB | 75, 231, 118 |
| RGB Percent | 29%, 91%, 46% |
| CMY | 0.7059, 0.0941, 0.5373 |
| CMYK | 0.68, 0.00, 0.49, 0.09 |
| HSL | 137°, 76%, 60% |
| HSV | 137°, 68%, 91% |
| XYZ | 34.7476, 59.9557, 26.8808 |
| YIQ | 171.4740, -56.7030, -68.2150 |

Conversions

Conversions Part 2

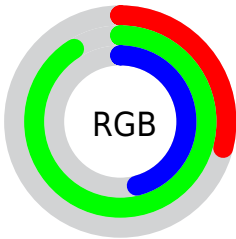
| Format | Color |
|-------------------------------------|--|
| RYB | 75, 197, 231 |
| Decimal | 4974454 |
| CIELab | 81.81, -64.09, 43.18 |
| CIELCh | 82, 77.282, 146.032 |
| Yxy | 59.9557, 0.2858, 0.4931 |
| Android (android.graphics.Color) | 4283164534 (0xFF4BE776) |
| YUV | 171.4740, -26.3627, -84.6077 |
| Hunter-Lab | 77.4311, -55.4016, 33.6188 |

Details

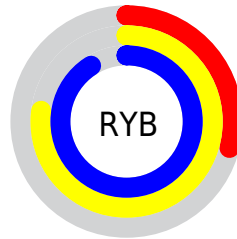
The YUV color **171.4740, -26.3627, -84.6077** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **134.5260, 26.3627, 84.6077**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4520, -19.4498, -61.7864**, and **109.6620, -21.5254, -96.1736** is the 20% darker color. If you saturate the color by 10%, you get **162.6590, -30.3979, -97.0479**, and if you desaturate by 10%, it is **180.2890, -22.3275, -72.1675**.

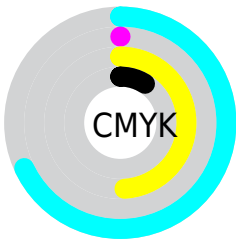
Distribution



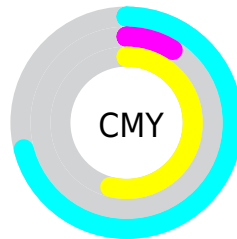
- Red (29%)
- Green (91%)
- Blue (46%)



- Red (29%)
- Yellow (77%)
- Blue (91%)



- Cyan (68%)
- Magenta (0%)
- Yellow (49%)
- Black (9%)



- Cyan (71%)
- Magenta (9%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4740, -26.3627, -84.6077 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 171.4740, -26.3627, -84.6077 by changing the saturation by 10% instead.

■ 171.4740,
-26.3627, -84.6077

■ 171.4740,
-26.3627, -84.6077

255.0000, 0.0000,
0.0000

■ 138.0320,
-22.6938, -94.7441

■ 211.4520,
-19.4498, -61.7864

■ 109.6620,
-21.5254, -96.1736

■ 223.6140,
-11.6417, -46.1425

■ 90.3760, -24.3424,
-79.2598

■ 236.0750, -3.9810,
-29.8838

■ 71.6940, -29.9221,
-62.8756

■ 248.4220, 3.2430,
-13.5251

■ 54.5910, -26.9134,
-47.8763

■ 39.9160, -19.6786,
-35.0063

■ 26.4150, -13.0226,

-23.1660

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 171.4740,
-26.3627, -84.6077

■ 171.4740,
-26.3627, -84.6077

■ 162.6590,
-30.3979, -97.0479

■ 180.2890,
-22.3275, -72.1675

■ 153.9580,
-33.9963, -109.5882

■ 188.9900,
-18.7291, -59.6272

■ 145.1430,
-38.0315, -122.0284

■ 197.8050,
-14.6939, -47.1870


■ 142.8930,
-38.8942, -125.3172


■ 206.6200,
-10.6587, -34.7467

 215.7340, -6.7709,
-21.6917

 224.4350, -3.1725,
-9.1515

 233.2500, 0.8628,
3.2888

 240.5700, 5.6350,
12.6551

 240.9120, 6.9454,
12.3552

Harmonies

Analogous

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



188.0990, -64.1388, -7.9798



171.4740, -26.3627, -84.6077



160.8930, 14.8428, -141.1032

Triad

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



171.4740, -26.3627, -84.6077



155.2750, 49.1644, -136.1762



175.4280, -15.4940, 69.7846

Complementary

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



171.4740, -26.3627, -84.6077



134.5260, 26.3627, 84.6077

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.



180.1140, 17.6918, 65.6750



171.4740, -26.3627, -84.6077



195.0400, 29.5603, -7.9281

Square

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



171.4740, -26.3627, -84.6077



164.6670, 44.5342, -144.4130



196.8870, 28.6497, 50.9651



184.2090, -50.3890, 62.0837

Rectangle

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



171.4740, -26.3627, -84.6077



167.1800, 36.3933, -146.6169



196.8870, 28.6497, 50.9651



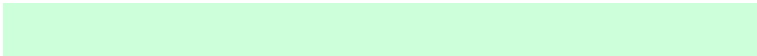
175.2290, -3.5639, 69.9592

Sweetspot

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



171.4740, -26.3627, -84.6077



235.5330, -8.6438, -27.6544



200.6580, -61.9494, -10.2241



116.1090, -5.4767, -16.7586



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.



171.4740, -26.3627, -84.6077



176.0070, -35.0065, -112.2621



180.2520, 7.2708, -92.3060



110.3860, -2.1623, -6.4775



110.6590, -30.3979, -97.0479



31.5330, -8.6438, -27.6544

Inverse Universe

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



134.5260, 26.3627, 84.6077



126.9930, 35.0065, 112.2621



125.7480, -7.2708, 92.3060



107.6140, 2.1623, 6.4775



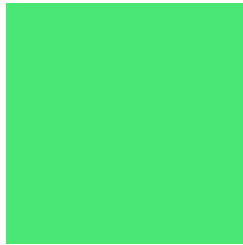
68.2270, 29.9611, 97.1479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 171.4740, -26.3627, -84.6077 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 171.4740, -26.3627, -84.6077 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

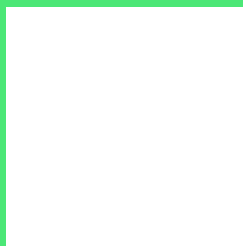
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.4740, -26.3627, -84.6077 Background



This preview shows how black text looks on a background with the YUV color 171.4740, -26.3627, -84.6077.



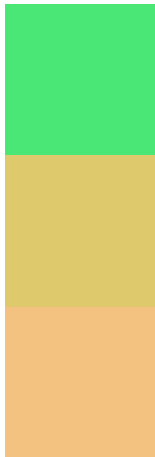
This preview shows how white text looks on a background with the YUV color 171.4740, -26.3627, -84.6077.

-84.6077.

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

171.4740, -26.3627, -84.6077

Protanopia

197.2640, -44.0072, 21.6935

Deuteranopia

200.5400, -35.7622, 37.2374



Tritanopia

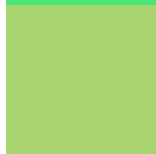
188.3580, 23.4875, -66.9660

Trichromacy



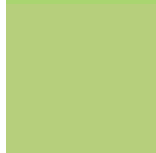
Original Color

171.4740, -26.3627, -84.6077



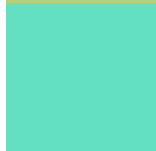
Protanomaly

188.3300, -37.6307, -16.9524



Deuteranomaly

190.0630, -32.5691, -7.0713



Tritanomaly

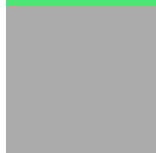
182.5040, 5.1745, -73.2330

Monochromacy



Original Color

171.4740, -26.3627, -84.6077



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.2830, -9.5065, -30.9432

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4740, -26.3627, -84.6077 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(75, 231, 118)` looks like.

```
.text, #text, p{  
    color:rgb(75, 231, 118)  
}
```

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(75, 231, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 231, 118) }
```

Border

The CSS property to change the border of an element to YUV 171.4740, -26.3627, -84.6077 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(75, 231, 118) }
```


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

```
.border{ border-color:rgb(75, 231, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 231, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 231, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 231, 118);  
box-shadow:4px 4px 4px 4px rgb(75, 231,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 171.4740, -26.3627, -84.6077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 231, 118) }
```

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

```
.background{ background-color: rgb(75, 231,  
118) }
```

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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