

Converting Colors

YUV(186.2770, 26.4854,
-48.4779)

Have a look what the booklet for
YUV(186.2770, 26.4854, -48.4779)
contains.

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Color

**YUV(186.2770, 26.4854,
-48.4779)**

Conversions

Conversions Part 1

Format	Color
Hex	83CCF0
RGB	131, 204, 240
RGB Percent	51%, 80%, 94%
CMY	0.4863, 0.2000, 0.0588
CMYK	0.45, 0.15, 0.00, 0.06
HSL	200°, 78%, 73%
HSV	200°, 45%, 94%
XYZ	46.6811, 54.3023, 90.4591
YIQ	186.2770, -55.0640, -4.2800

Conversions

Conversions Part 2

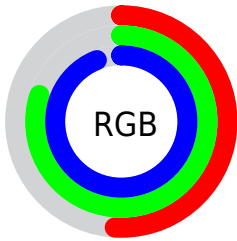
Format	Color
R _Y B	131, 175, 240
Decimal	8637680
CIE Lab	78.64, -13.43, -24.85
CIE LCh	79, 28.244, 241.610
Yxy	54.3023, 0.2438, 0.2836
Android (android.graphics.Color)	4286827760 (0xFF83CCF0)
YUV	186.2770, 26.4854, -48.4779
Hunter-Lab	73.6901, -15.8817, -21.1990

Details

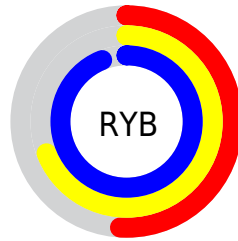
The YUV color **186.2770, 26.4854, -48.4779** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **184.7230, -26.4854, 48.4779**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, 9.8763, -41.1901**, and **130.8530, 26.2015, -50.7371** is the 20% darker color. If you saturate the color by 10%, you get **174.4050, 32.3383, -59.1142**, and if you desaturate by 10%, it is **198.1490, 20.6325, -37.8417**.

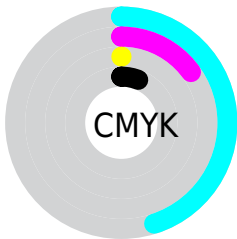
Distribution



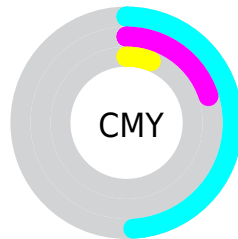
- Red (51%)
- Green (80%)
- Blue (94%)



- Red (51%)
- Yellow (69%)
- Blue (94%)



- Cyan (45%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (49%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2770, 26.4854, -48.4779 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 186.2770, 26.4854, -48.4779 by changing the saturation by 10% instead.

■ 186.2770, 26.4854,
-48.4779

■ 186.2770, 26.4854,
-48.4779

■ 255.0000, 0.0000,
0.0000

■ 158.5650, 26.3435,
-49.6075

■ 234.9670, 9.8763,
-41.1901

■ 130.8530, 26.2015,
-50.7371

■ 243.9370, 5.4541,
-22.7467

■ 102.9450, 26.6491,
-54.3258

■ 252.6080, 1.1793,
-4.9182

■ 73.0470, 28.5708,
-64.0622

■ 55.9950, 24.1595,
-49.1076

■ 39.7580, 20.3323,
-34.8678

■ 24.8090, 16.3632,

-21.7575

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 186.2770, 26.4854,
-48.4779

■ 186.2770, 26.4854,
-48.4779

■ 174.4050, 32.3383,
-59.1142

■ 198.1490, 20.6325,
-37.8417

■ 162.5330, 38.1912,
-69.7504

■ 210.0210, 14.7796,
-27.2054

■ 150.6610, 44.0441,
-80.3867

■ 221.8930, 8.9268,
-16.5692

■ 138.7890, 49.8970,
-91.0230

■ 233.7650, 3.0739,
-5.9329

■ 126.9170, 55.7499,
-101.6592

■ 245.6370, -2.7790,
4.7034

■ 121.8670, 58.2396,
-106.8774

■ 251.5290, -5.6838,
3.0441

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



182.2730, 19.0924, -57.2444



186.2770, 26.4854, -48.4779



192.8330, 26.7043, -25.2865

Triad

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



186.2770, 26.4854, -48.4779



198.9820, -2.4561, 41.2348



189.9890, -20.2076, -5.2524

Complementary

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



186.2770, 26.4854, -48.4779



184.7230, -26.4854, 48.4779

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.



192.8670, -25.0774, 16.7796



186.2770, 26.4854, -48.4779



197.4910, -14.5391, 43.4194

Square

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



186.2770, 26.4854, -48.4779



198.9230, 10.3910, 27.2545



195.8460, -23.0951, 34.3381



186.8210, -8.7858, -28.7840

Rectangle

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



186.2770, 26.4854, -48.4779



195.7430, 23.2977, -5.9136



195.8460, -23.0951, 34.3381



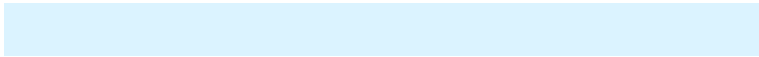
191.3490, -22.8501, 2.3249

Sweetspot

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



186.2770, 26.4854, -48.4779



237.1920, 8.7793, -15.9544



198.9730, -16.2557, -59.6123



116.7260, 5.5581, -9.4067



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.



186.2770, 26.4854, -48.4779



186.1380, 33.9490, -62.3880



155.1660, 41.8232, -21.1936



114.0640, 2.9264, -5.3181



93.1770, 44.7757, -81.7162



28.6900, 13.4638, -25.1611

Inverse Universe

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



171.9130, 15.8189, 59.7123



167.5760, 20.4220, 76.6708



215.8340, -41.8232, 21.1936



112.5000, 1.7255, 6.5775



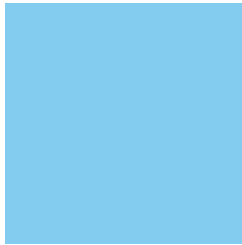
69.0380, 26.6033, 100.8217



21.0760, 8.3435, 30.6283

Previews

White Background



This preview shows how the YUV color 186.2770, 26.4854, -48.4779 looks on a white background.

Color Contrast Check

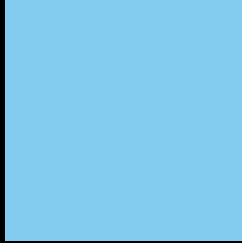
Large Text (above 18pt) WCAG AA × Fail

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 186.2770, 26.4854, -48.4779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

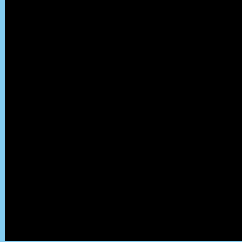
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.2770, 26.4854, -48.4779

Background



This preview shows how black text looks on a background with the YUV color 186.2770, 26.4854, -48.4779.



This preview shows how white text looks on a background with the YUV color 186.2770, 26.4854, -48.4779.

-48.4779.

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

186.2770, 26.4854, -48.4779

Protanopia

194.4670, 18.5038, -8.3026

Deuteranopia

195.1450, 23.5925, -7.1432



Tritanopia

184.6050, 18.9287, -51.3966

Trichromacy



Original Color

186.2770, 26.4854, -48.4779

Protanomaly

191.1770, 21.6047, -22.9572

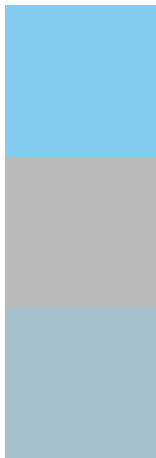
Deuteranomaly

191.9860, 24.6569, -21.9127

Tritanomaly

185.3000, 21.5441, -50.2521

Monochromacy



Original Color

186.2770, 26.4854, -48.4779

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.4090, 9.6584, -17.8987

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2770, 26.4854, -48.4779 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(131, 204, 240)` looks like.

```
.text, #text, p{  
    color:rgb(131, 204, 240)  
}
```

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(131, 204, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 204, 240) }
```

Border

The CSS property to change the border of an element to YUV 186.2770, 26.4854, -48.4779 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(131, 204, 240) }
```


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

```
.border{ border-color:rgb(131, 204, 240) }
```

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

Here you see how a box with a 4 pixel rgb(131, 204, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 204, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 204, 240);  
box-shadow:4px 4px 4px 4px rgb(131, 204,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 186.2770, 26.4854, -48.4779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 204, 240) }
```

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

```
.background{ background-color: rgb(131,  
204, 240) }
```

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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