

Converting Colors

YUV(186.4420, 19.5021,
-48.6226)

Have a look what the booklet for
YUV(186.4420, 19.5021, -48.6226)
contains.

YUV(186.4420, 19.5021, -48.6226)	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(186.4420, 19.5021,
-48.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	83CFE2
RGB	131, 207, 226
RGB Percent	51%, 81%, 89%
CMY	0.4863, 0.1882, 0.1137
CMYK	0.42, 0.08, 0.00, 0.11
HSL	192°, 62%, 70%
HSV	192°, 42%, 89%
XYZ	45.4004, 54.9419, 80.1635
YIQ	186.4420, -51.3950, -10.2030

Conversions

Conversions Part 2

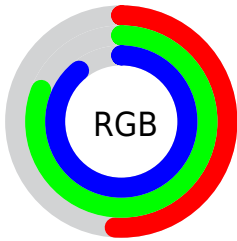
Format	Color
RYB	131, 173, 226
Decimal	8638434
CIELab	79.01, -18.67, -16.79
CIElCh	79, 25.104, 221.966
Yxy	54.9419, 0.2515, 0.3044
Android (android.graphics.Color)	4286828514 (0xFF83CFE2)
YUV	186.4420, 19.5021, -48.6226
Hunter-Lab	74.1228, -20.3834, -12.2359

Details

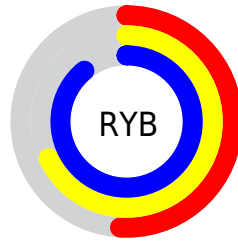
The YUV color **186.4420, 19.5021, -48.6226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **170.5580, -19.5021, 48.6226**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, 9.8763, -41.1901**, and **131.4310, 19.5075, -50.3670** is the 20% darker color. If you saturate the color by 10%, you get **176.6300, 24.3394, -60.1885**, and if you desaturate by 10%, it is **196.2540, 14.6648, -37.0568**.

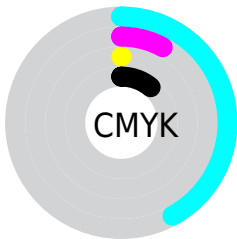
Distribution



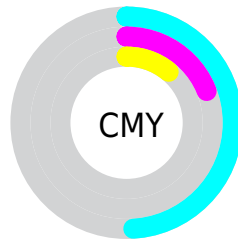
- Red (51%)
- Green (81%)
- Blue (89%)



- Red (51%)
- Yellow (68%)
- Blue (89%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.4420, 19.5021, -48.6226 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 186.4420, 19.5021, -48.6226 by changing the saturation by 10% instead.

■ 186.4420, 19.5021,
-48.6226

■ 186.4420, 19.5021,
-48.6226

■ 255.0000, 0.0000,
0.0000

■ 158.4420, 19.5021,
-48.6226

■ 234.9670, 9.8763,
-41.1901

■ 131.4310, 19.5075,
-50.3670

■ 243.6380, 5.6015,
-23.3615

■ 104.1210, 19.6603,
-52.7261

■ 252.3090, 1.3267,
-5.5330

■ 72.7390, 22.3137,
-63.7921

■ 55.9150, 18.7759,
-49.0375

■ 39.6780, 14.9487,
-34.7976

■ 24.8430, 11.4164,

-21.7873

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 186.4420, 19.5021,
-48.6226

■ 186.4420, 19.5021,
-48.6226

■ 176.6300, 24.3394,
-60.1885

■ 196.2540, 14.6648,
-37.0568

■ 167.7040, 28.7399,
-71.6544

■ 205.1800, 10.2643,
-25.5909

■ 157.8920, 33.5772,
-83.2203

■ 214.9920, 5.4269,
-14.0250

■ 148.9660, 37.9778,
-94.6862

■ 223.9180, 1.0264,
-2.5591

■ 139.1540, 42.8151,
-106.2521

■ 233.7300, -3.8109,
9.0068

■ 132.0110, 46.3366,
-115.7736

■ 239.3670, -6.5899,
13.7101

■ 242.3020, -8.0369,
11.1361

■ 244.6500, -9.1944,
9.0770

■ 247.5850,
-10.6414, 6.5030

Harmonies

Analogous

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



185.7060, 9.0189, -46.2232



186.4420, 19.5021, -48.6226



190.6700, 23.8267, -35.6676

Triad

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



186.4420, 19.5021, -48.6226



199.9680, 5.4388, 28.9691



193.7350, -21.5614, 9.0024

Complementary

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



186.4420, 19.5021, -48.6226



170.5580, -19.5021, 48.6226

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.



195.8450, -21.6156, 26.4459



186.4420, 19.5021, -48.6226



199.0480, -5.9397, 38.5459

Square

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



186.4420, 19.5021, -48.6226



199.0780, 15.2445, 10.4556



197.4040, -15.9752, 37.3567



190.9110, -15.2391, -12.1999

Rectangle

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



186.4420, 19.5021, -48.6226



194.0570, 23.6359, -21.0980



197.4040, -15.9752, 37.3567



194.8390, -22.5986, 15.0502

Sweetspot

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



186.4420, 19.5021, -48.6226



241.0240, 6.8902, -16.6840



188.9310, -19.1930, -50.8055



118.7860, 4.5425, -10.3363



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.



186.4420, 19.5021, -48.6226



202.3520, 25.9555, -65.2067



159.4400, 32.8141, -24.9419



107.5370, 2.2003, -5.7329



102.8310, 36.0723, -90.1828



28.3650, 9.6801, -24.8761

Inverse Universe

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



168.0690, 19.1930, 50.8055



177.4870, 25.3959, 67.9789



198.1470, -33.1035, 24.4271



105.3150, 2.3097, 5.8627



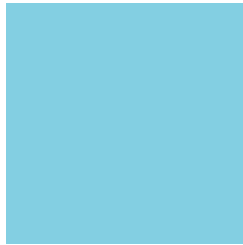
68.6980, 35.6449, 94.1039



18.7980, 9.9596, 25.6102

Previews

White Background



This preview shows how the YUV color 186.4420, 19.5021, -48.6226 looks on a white background.

Color Contrast Check

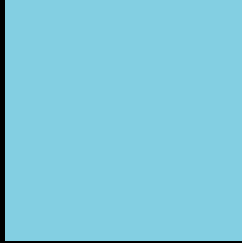
Large Text (above 18pt) WCAG AA × Fail

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 186.4420, 19.5021, -48.6226 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 186.4420, 19.5021, -48.6226

Background



This preview shows how black text looks on a background with the YUV color 186.4420, 19.5021, -48.6226.



This preview shows how white text looks on a background with the YUV color 186.4420, 19.5021, -48.6226.

-48.6226.

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

186.4420, 19.5021, -48.6226

Protanopia

195.4370, 10.6306, -3.0142

Deuteranopia

196.6530, 16.4401, 0.3043



Tritanopia

185.9150, 18.7759, -49.0375

Trichromacy



Original Color

186.4420, 19.5021, -48.6226

Protanomaly

192.1360, 13.7370, -19.4133

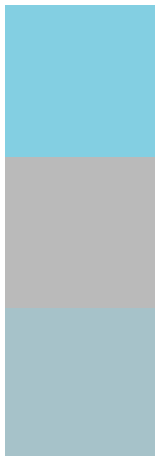
Deuteranomaly

192.8850, 17.8047, -17.4391

Tritanomaly

186.0290, 19.2127, -49.1374

Monochromacy



Original Color

186.4420, 19.5021, -48.6226

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.4260, 7.1850, -17.9136

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4420, 19.5021, -48.6226 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, 207, 226)` looks like.

```
.text, #text, p{  
    color:rgb(131, 207, 226)  
}
```

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, 207, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 207, 226) }
```

Border

The CSS property to change the border of an element to YUV 186.4420, 19.5021, -48.6226 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, 207, 226) }
```


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

```
.border{ border-color:rgb(131, 207, 226) }
```

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

Here you see how a box with a 4 pixel rgb(131, 207, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 207, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 207, 226);  
box-shadow:4px 4px 4px 4px rgb(131, 207,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 186.4420, 19.5021, -48.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 207, 226) }
```

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

```
.background{ background-color: rgb(131,  
207, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor