

Converting Colors

YUV(180.9810, -31.5426,
-9.6303)

Have a look what the booklet for
YUV(180.9810, -31.5426, -9.6303)
contains.

YUV(180.9810, -31.5426, -9.6303)	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(180.9810, -31.5426,
-9.6303)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC775
RGB	170, 199, 117
RGB Percent	67%, 78%, 46%
CMY	0.3333, 0.2196, 0.5412
CMYK	0.15, 0.00, 0.41, 0.22
HSL	81°, 42%, 62%
HSV	81°, 41%, 78%
XYZ	40.2119, 50.6772, 24.4919
YIQ	180.9810, 9.0380, -31.6500

Conversions

Conversions Part 2

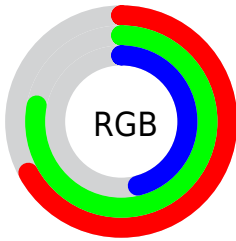
Format	Color
RYB	117, 199, 146
Decimal	11192181
CIELab	76.48, -23.28, 37.82
CIELCh	76, 44.411, 121.613
Yxy	50.6772, 0.3485, 0.4392
Android (android.graphics.Color)	4289382261 (0xFFAAC775)
YUV	180.9810, -31.5426, -9.6303
Hunter-Lab	71.1880, -23.7498, 29.4331

Details

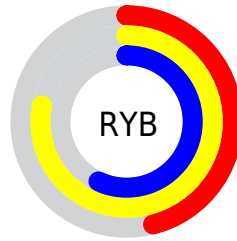
The YUV color **180.9810, -31.5426, -9.6303** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **135.0190, 31.5426, 9.6303**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6390, -32.8530, -9.3304**, and **127.4370, -29.7954, -10.0302** is the 20% darker color. If you saturate the color by 10%, you get **176.6080, -39.2467, -11.9342**, and if you desaturate by 10%, it is **185.3540, -23.8385, -7.3265**.

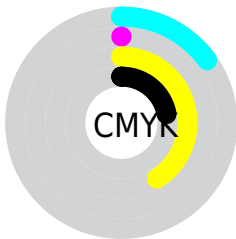
Distribution



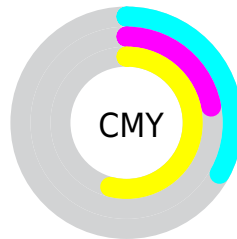
- Red (67%)
- Green (78%)
- Blue (46%)



- Red (46%)
- Yellow (78%)
- Blue (57%)



- Cyan (15%)
- Magenta (0%)
- Yellow (41%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9810, -31.5426, -9.6303 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 180.9810, -31.5426, -9.6303 by changing the saturation by 10% instead.

■ 180.9810,
-31.5426, -9.6303

■ 180.9810,
-31.5426, -9.6303

255.0000, 0.0000,
0.0000

■ 154.2090,
-30.6690, -9.8303

■ 236.6390,
-32.8530, -9.3304

■ 127.4370,
-29.7954, -10.0302

■ 248.5020,
-24.8975, 5.6987

■ 101.8500,
-29.5060, -9.5154

■ 251.6940,
-12.6671, 2.8994

■ 76.8500, -29.5060,
-9.5154

■ 53.9360, -26.5904,
-11.3449

■ 33.2590, -16.3967,
-14.2591

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 180.9810,
-31.5426, -9.6303

■ 180.9810,
-31.5426, -9.6303

■ 176.6080,
-39.2467, -11.9342

■ 185.3540,
-23.8385, -7.3265

■ 172.2350,
-46.9509, -14.2381

■ 189.7270,
-16.1344, -5.0226

■ 167.8620,
-54.6550, -16.5420

■ 194.1000, -8.4303,
-2.7187

■ 163.4890,
-62.3591, -18.8459

■ 198.4730, -0.7262,
-0.4148

■ 159.1160,
-70.0632, -21.1497

■ 202.8460, 6.9779,
1.8891

■ 155.3840,
-76.6043, -23.1388

■ 207.1050, 14.2452,
4.2929

■ 211.3640, 21.5125,
6.6968

■ 213.4570, 20.4807,
11.0002

■ 215.5500, 19.4489,
15.3037

Harmonies

Analogous

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



185.4260, -39.6500, 24.1824



180.9810, -31.5426, -9.6303



174.2610, -12.9467, -47.5869

Triad

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



180.9810, -31.5426, -9.6303



158.3970, 47.6253, -109.0962



189.2490, -0.6158, 57.6636

Complementary

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



180.9810, -31.5426, -9.6303



135.0190, 31.5426, 9.6303

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.



194.0310, 16.7467, 42.0688



180.9810, -31.5426, -9.6303



180.6440, 36.6575, -44.4148

Square

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



180.9810, -31.5426, -9.6303



148.9030, 39.9808, -130.5879



191.5730, 31.2695, 3.8825



187.0370, -19.2452, 59.6036

Rectangle

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



180.9810, -31.5426, -9.6303



166.8410, 4.0224, -77.0366



191.5730, 31.2695, 3.8825



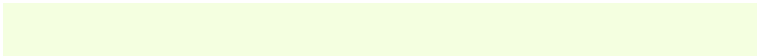
191.4320, 5.2100, 55.7491

Sweetspot

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



180.9810, -31.5426, -9.6303



248.1770, -11.9193, -3.6632



158.5410, -20.4797, 35.4825



123.8550, -6.8305, -2.5038



0.0000, 0.0000, 0.0000



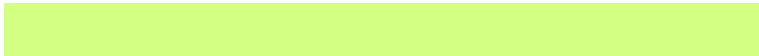
128.0000, 0.0000, 0.0000

Same Dimension

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



180.9810, -31.5426, -9.6303



227.5940, -48.1138, -14.5529



168.7220, -25.4989, -34.8362



97.0770, -3.4890, -0.9445



127.0760, -62.6485, -19.3607



28.0090, -13.8084, -4.3929

Inverse Universe

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



135.0190, 31.5426, 9.6303



157.4060, 48.1138, 14.5529



147.2780, 25.4989, 34.8362



91.9230, 3.4890, 0.9445



35.9240, 62.6485, 19.3607



7.9910, 13.8084, 4.3929

Previews

White Background



This preview shows how the YUV color 180.9810, -31.5426, -9.6303 looks on a white background.

Color Contrast Check

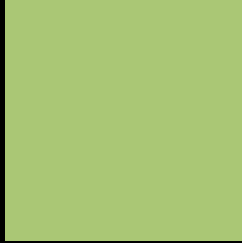
Large Text (above 18pt) WCAG AA × Fail

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 180.9810, -31.5426, -9.6303 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 180.9810, -31.5426, -9.6303

Background



This preview shows how black text looks on a background with the YUV color 180.9810, -31.5426, -9.6303.



This preview shows how white text looks on a background with the YUV color 180.9810, -31.5426, -9.6303.

-9.6303.

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

180.9810, -31.5426, -9.6303

Protanopia

184.8320, -35.4132, 18.5643

Deuteranopia

187.3270, -32.6992, 34.7932



Tritanopia

188.6170, 7.5838, -5.8031

Trichromacy



Original Color

180.9810, -31.5426, -9.6303

Protanomaly

183.4070, -34.2177, 8.4131

Deuteranomaly

185.0430, -32.0662, 18.3793

Tritanomaly

186.1210, -6.9617, -7.1221

Monochromacy



Original Color

180.9810, -31.5426, -9.6303

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.2910, -11.4825, -3.7632

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9810, -31.5426, -9.6303 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(170, 199, 117)` looks like.

```
.text, #text, p{  
    color:rgb(170, 199, 117)  
}
```

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(170, 199, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 199, 117) }
```

Border

The CSS property to change the border of an element to YUV 180.9810, -31.5426, -9.6303 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(170, 199, 117) }
```


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

```
.border{ border-color:rgb(170, 199, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 199, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 199, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 199, 117);  
box-shadow:4px 4px 4px 4px rgb(170, 199,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 180.9810, -31.5426, -9.6303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 199, 117) }
```

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

```
.background{ background-color: rgb(170,  
199, 117) }
```

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