

Converting Colors

YUV(186.0970, -20.7538,
-16.7481)

Have a look what the booklet for
YUV(186.0970, -20.7538, -16.7481)
contains.

YUV(186.0970, -20.7538, -16.7481)	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(186.0970, -20.7538,
-16.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	A7CC90
RGB	167, 204, 144
RGB Percent	65%, 80%, 56%
CMY	0.3451, 0.2000, 0.4353
CMYK	0.18, 0.00, 0.29, 0.20
HSL	97°, 37%, 68%
HSV	97°, 29%, 80%
XYZ	42.5633, 53.4148, 34.4523
YIQ	186.0970, -2.7920, -26.5040

Conversions

Conversions Part 2

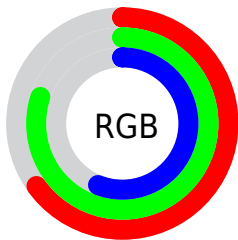
Format	Color
RYB	144, 204, 181
Decimal	10996880
CIELab	78.12, -23.15, 25.99
CIElCh	78, 34.807, 131.698
Yxy	53.4148, 0.3263, 0.4095
Android (android.graphics.Color)	4289186960 (0xFFA7CC90)
YUV	186.0970, -20.7538, -16.7481
Hunter-Lab	73.0855, -23.9453, 23.2106

Details

The YUV color **186.0970, -20.7538, -16.7481** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **161.9030, 20.7538, 16.7481**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.9340, -20.1805, -13.9741**, and **132.7380, -19.5908, -16.4332** is the 20% darker color. If you saturate the color by 10%, you get **179.9300, -27.5735, -22.7406**, and if you desaturate by 10%, it is **192.2640, -13.9342, -10.7555**.

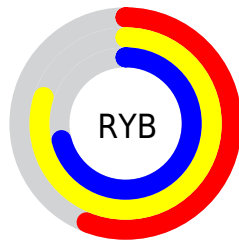
Distribution



Red (65%)

Green (80%)

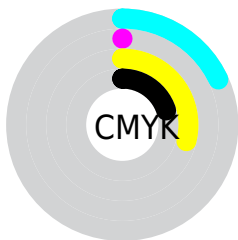
Blue (56%)



Red (56%)

Yellow (80%)

Blue (71%)

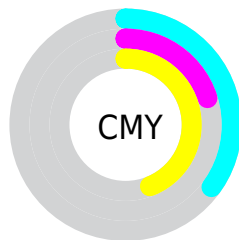


Cyan (18%)

Magenta (0%)

Yellow (29%)

Black (20%)



Cyan (35%)

Magenta (20%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.0970, -20.7538, -16.7481 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 186.0970, -20.7538, -16.7481 by changing the saturation by 10% instead.

■ 186.0970,
-20.7538, -16.7481

■ 186.0970,
-20.7538, -16.7481

255.0000, 0.0000,
0.0000

■ 158.6240,
-20.0276, -16.3332

■ 238.9340,
-20.1805, -13.9741

■ 132.7380,
-19.5908, -16.4332

■ 250.7970,
-12.2249, 1.0550

■ 107.2650,
-18.8646, -16.0184

■ 82.4930, -17.9910,
-16.2184

■ 58.9060, -17.7017,
-15.7036

■ 35.9060, -17.7017,
-15.7036

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 186.0970,
-20.7538, -16.7481

■ 186.0970,
-20.7538, -16.7481

■ 179.9300,
-27.5735, -22.7406

■ 192.2640,
-13.9342, -10.7555

■ 173.9480,
-34.9774, -28.0184

■ 198.2460, -6.5303,
-5.4777

■ 167.7810,
-41.7970, -34.0109

■ 204.4130, 0.2894,
0.5148

■ 161.7990,
-49.2009, -39.2887

■ 210.3950, 7.6933,
5.7926

■ 155.6320,
-56.0206, -45.2813

■ 216.5620, 14.5129,
11.7851

■ 149.7640,
-62.9877, -50.6590

■ 221.1760, 16.6752,
18.2626

■ 143.4830,
-70.2441, -56.5516

■ 225.0630, 14.7589,
26.2547

■ 143.0700,
-70.5335, -57.0664

Harmonies

Analogous

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



189.8680, -30.0079, 11.5168



186.0970, -20.7538, -16.7481



180.8620, -4.3690, -45.4830

Triad

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



186.0970, -20.7538, -16.7481



183.4100, 34.8009, -55.6106



196.1960, -6.9986, 51.5711

Complementary

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



186.0970, -20.7538, -16.7481



161.9030, 20.7538, 16.7481

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.



197.7290, 8.0216, 40.5797



186.0970, -20.7538, -16.7481



192.3050, 30.9086, -20.4385

Square

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



186.0970, -20.7538, -16.7481



175.4860, 29.3404, -77.6022



197.2340, 22.0696, 14.7038



195.1130, -21.2547, 50.7669

Rectangle

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



186.0970, -20.7538, -16.7481



177.3680, 8.1996, -63.4667



197.2340, 22.0696, 14.7038



197.4500, -2.1938, 50.4714

Sweetspot

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



186.0970, -20.7538, -16.7481



248.1920, -7.9827, -6.3074



183.6590, -19.5519, 17.8391



123.5990, -5.2253, -4.0333



0.0000, 0.0000, 0.0000



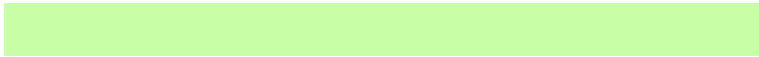
128.0000, 0.0000, 0.0000

Same Dimension

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



186.0970, -20.7538, -16.7481



228.4090, -30.7676, -24.9147



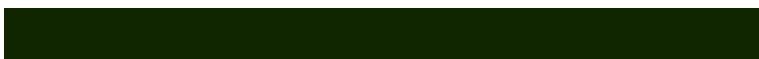
180.0180, -14.3059, -31.5878



99.0660, -3.4835, -2.6889



116.5780, -57.4730, -46.1109



26.7910, -13.2080, -10.3407

Inverse Universe

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



161.9030, 20.7538, 16.7481



192.5910, 30.7676, 24.9147



167.9820, 14.3059, 31.5878



94.9340, 3.4835, 2.6889



49.4220, 57.4730, 46.1109



11.5080, 13.0606, 10.9555

Previews

White Background



This preview shows how the YUV color 186.0970, -20.7538, -16.7481 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 186.0970, -20.7538, -16.7481 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 186.0970, -20.7538, -16.7481 Background



This preview shows how black text looks on a background with the YUV color 186.0970, -20.7538, -16.7481.



This preview shows how white text looks on a background with the YUV color 186.0970, -20.7538, -16.7481.

-16.7481.

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

186.0970, -20.7538, -16.7481

Protanopia

191.0300, -25.6508, 14.0057

Deuteranopia

193.0410, -22.2052, 28.9050



Tritanopia

191.4420, 9.6421, -12.6656

Trichromacy



Original Color

186.0970, -20.7538, -16.7481

Protanomaly

189.1210, -23.7237, 2.5249

Deuteranomaly

190.7570, -21.5722, 12.4911

Tritanomaly

189.2710, -1.1196, -14.2697

Monochromacy



Original Color

186.0970, -20.7538, -16.7481

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.3060, -7.5459, -6.4074

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0970, -20.7538, -16.7481 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(167, 204, 144)` looks like.

```
.text, #text, p{  
    color:rgb(167, 204, 144)  
}
```

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(167, 204, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 204, 144) }
```

Border

The CSS property to change the border of an element to YUV 186.0970, -20.7538, -16.7481 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(167, 204, 144) }
```


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

```
.border{ border-color:rgb(167, 204, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 204, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 204, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 204, 144);  
box-shadow:4px 4px 4px 4px rgb(167, 204,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 186.0970, -20.7538, -16.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 204, 144) }
```

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

```
.background{ background-color: rgb(167,  
204, 144) }
```

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