

Converting Colors

YUV(186.3960, -17.4502,
-2.9783)

Have a look what the booklet for
YUV(186.3960, -17.4502, -2.9783)
contains.

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Color

**YUV(186.3960, -17.4502,
-2.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C397
RGB	183, 195, 151
RGB Percent	72%, 76%, 59%
CMY	0.2824, 0.2353, 0.4078
CMYK	0.06, 0.00, 0.23, 0.24
HSL	76°, 27%, 68%
HSV	76°, 23%, 76%
XYZ	44.6295, 51.3319, 36.8340
YIQ	186.3960, 6.9720, -16.2280

Conversions

Conversions Part 2

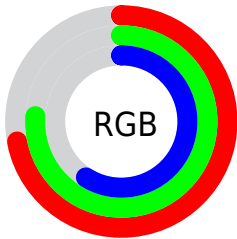
Format	Color
RYB	151, 195, 163
Decimal	12043159
CIELab	76.88, -11.72, 20.78
CIELCh	77, 23.857, 119.417
Yxy	51.3319, 0.3361, 0.3865
Android (android.graphics.Color)	4290233239 (0xFFB7C397)
YUV	186.3960, -17.4502, -2.9783
Hunter-Lab	71.6463, -14.1908, 19.6709

Details

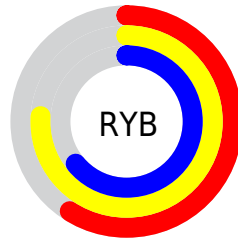
The YUV color **186.3960, -17.4502, -2.9783** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **159.6040, 17.4502, 2.9783**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7550, -18.6132, -3.2931**, and **133.0370, -16.2872, -2.6634** is the 20% darker color. If you saturate the color by 10%, you get **182.7350, -25.0124, -4.1526**, and if you desaturate by 10%, it is **190.1710, -9.4513, -1.9040**.

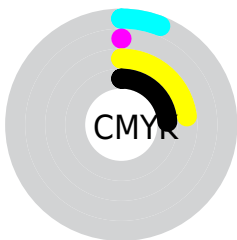
Distribution



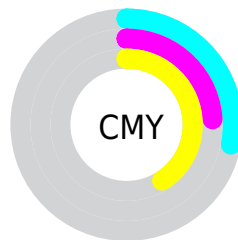
- Red (72%)
- Green (76%)
- Blue (59%)



- Red (59%)
- Yellow (76%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.3960, -17.4502, -2.9783 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 186.3960, -17.4502, -2.9783 by changing the saturation by 10% instead.

■ 186.3960,
-17.4502, -2.9783

■ 186.3960,
-17.4502, -2.9783

255.0000, 0.0000,
0.0000

■ 159.5100,
-17.0134, -3.0783

■ 242.7550,
-18.6132, -3.2931

■ 133.0370,
-16.2872, -2.6634

■ 252.6060, -9.1728,
2.0995

■ 107.8520,
-15.7030, -3.3782

■ 83.3790, -14.9768,
-2.9634

■ 60.1940, -14.3926,
-3.6781

■ 37.4930, -14.5400,
-3.0634

■ 17.6540, -8.7034,

-8.4666

■ 0.0000, 0.0000,
0.0000

■ 186.3960,
-17.4502, -2.9783

■ 186.3960,
-17.4502, -2.9783

■ 182.7350,
-25.0124, -4.1526

■ 190.1710, -9.4513,
-1.9040

■ 178.6610,
-32.8639, -5.8417

■ 194.1310, -2.0366,
-0.1149

■ 175.0000,
-40.4260, -7.0160

■ 197.7920, 5.5255,
1.0594

■ 171.2250,
-48.4249, -8.0903

■ 201.5670, 13.5245,
2.1337

■ 167.2650,
-55.8396, -9.8794

■ 205.6410, 21.3760,
3.8228

■ 163.4900,
-63.8386, -10.9537

■ 207.8200, 23.2597,
6.2969

■ 159.8290,
-71.4007, -12.1280

■ 209.3150, 22.5227,
9.3707

■ 156.9230,
-77.3630, -13.0875

■ 211.1090, 21.6383,
13.0594

■ 212.6040, 20.9012,
16.1333

Harmonies

Analogous

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



188.8930, -21.1462, 15.8798



186.3960, -17.4502, -2.9783



183.6800, -8.2232, -22.5214

Triad

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



186.3960, -17.4502, -2.9783



183.3660, 21.5116, -39.7860



193.5790, -1.2714, 34.5722

Complementary

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



186.3960, -17.4502, -2.9783



159.6040, 17.4502, 2.9783

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.



193.9500, 9.3916, 21.0918



186.3960, -17.4502, -2.9783



188.0030, 22.1835, -21.9276

Square

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



186.3960, -17.4502, -2.9783



180.6010, 14.9867, -47.0081



191.7070, 17.8924, 1.1340



192.2560, -11.4652, 37.4865

Rectangle

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



186.3960, -17.4502, -2.9783



181.9650, -0.4757, -34.1723



191.7070, 17.8924, 1.1340



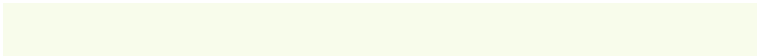
193.8820, 2.5232, 30.7985

Sweetspot

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



186.3960, -17.4502, -2.9783



248.8660, -6.8359, -0.7595



171.2000, -9.9586, 20.8726



125.8490, -4.3626, -0.7446



0.0000, 0.0000, 0.0000



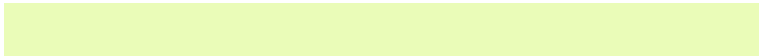
128.0000, 0.0000, 0.0000

Same Dimension

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



186.3960, -17.4502, -2.9783



238.8660, -27.0489, -4.2675



179.8180, -14.2073, -16.5034



94.9630, -3.9258, -0.8446



129.4900, -63.8386, -10.9537



26.5470, -13.0877, -2.2337

Inverse Universe

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



159.6040, 17.4502, 2.9783



197.4330, 26.9015, 4.8823



166.1820, 14.2073, 16.5034



89.0370, 3.9258, 0.8446



31.5100, 63.8386, 10.9537



6.4530, 13.0877, 2.2337

Previews

White Background



This preview shows how the YUV color 186.3960, -17.4502, -2.9783 looks on a white background.

Color Contrast Check

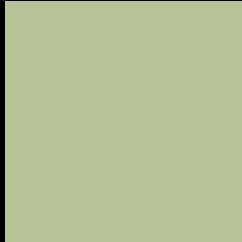
Large Text (above 18pt) WCAG AA × Fail

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 186.3960, -17.4502, -2.9783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

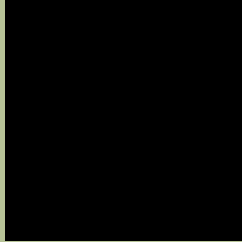
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.3960, -17.4502, -2.9783

Background



This preview shows how black text looks on a background with the YUV color 186.3960, -17.4502, -2.9783.



This preview shows how white text looks on a background with the YUV color 186.3960, -17.4502, -2.9783.

-2.9783.

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

186.3960, -17.4502, -2.9783

Protanopia

188.2130, -19.8250, 12.0912

Deuteranopia

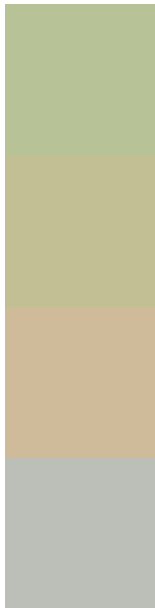
190.1700, -17.8318, 26.1609



Tritanopia

190.3080, 6.2572, -0.2701

Trichromacy



Original Color

186.3960, -17.4502, -2.9783

Protanomaly

187.4080, -18.9351, 6.6582

Deuteranomaly

189.1040, -17.7993, 15.6948

Tritanomaly

189.0060, -2.4680, -1.7593

Monochromacy



Original Color

186.3960, -17.4502, -2.9783

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9800, -6.3991, -0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.3960, -17.4502, -2.9783 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(183, 195, 151)` looks like.

```
.text, #text, p{  
    color:rgb(183, 195, 151)  
}
```

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(183, 195, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 195, 151) }
```

Border

The CSS property to change the border of an element to YUV 186.3960, -17.4502, -2.9783 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(183, 195, 151) }
```


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

```
.border{ border-color:rgb(183, 195, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 195, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 195, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 195, 151);  
box-shadow:4px 4px 4px 4px rgb(183, 195,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 186.3960, -17.4502, -2.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 195, 151) }
```

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

```
.background{ background-color: rgb(183,  
195, 151) }
```

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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