

Converting Colors

YUV(187.0630, -15.8071,
-16.7183)

Have a look what the booklet for
YUV(187.0630, -15.8071, -16.7183)
contains.

YUV(187.0630, -15.8071, -16.7183)	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(187.0630, -15.8071,
-16.7183)**

Conversions

Conversions Part 1

Format	Color
Hex	A8CB9B
RGB	168, 203, 155
RGB Percent	66%, 80%, 61%
CMY	0.3412, 0.2039, 0.3922
CMYK	0.17, 0.00, 0.24, 0.20
HSL	104°, 32%, 70%
HSV	104°, 24%, 80%
XYZ	43.4208, 53.4033, 39.0297
YIQ	187.0630, -5.4520, -22.3480

Conversions

Conversions Part 2

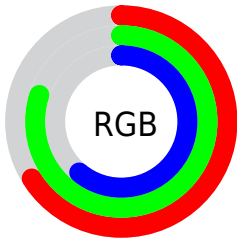
Format	Color
RYB	155, 203, 190
Decimal	11062171
CIELab	78.11, -20.57, 20.19
CIELCh	78, 28.825, 135.536
Yxy	53.4033, 0.3196, 0.3931
Android (android.graphics.Color)	4289252251 (0xFFA8CB9B)
YUV	187.0630, -15.8071, -16.7183
Hunter-Lab	73.0775, -21.8256, 19.4883

Details

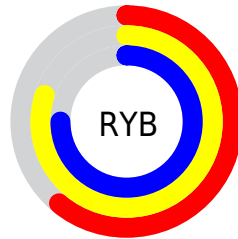
The YUV color **187.0630, -15.8071, -16.7183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170.9370, 15.8071, 16.7183**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6010, -15.0863, -14.5591**, and **133.7040, -14.6441, -16.4034** is the 20% darker color. If you saturate the color by 10%, you get **180.2980, -22.3319, -23.9403**, and if you desaturate by 10%, it is **193.8280, -9.2822, -9.4962**.

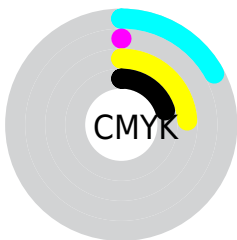
Distribution



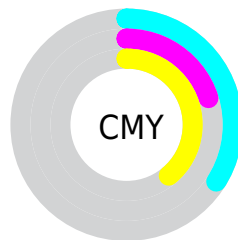
- Red (66%)
- Green (80%)
- Blue (61%)



- Red (61%)
- Yellow (80%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)



- Cyan (34%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.0630, -15.8071, -16.7183 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 187.0630, -15.8071, -16.7183 by changing the saturation by 10% instead.

■ 187.0630,
-15.8071, -16.7183

■ 187.0630,
-15.8071, -16.7183

255.0000, 0.0000,
0.0000

■ 160.1770,
-15.3703, -16.8182

■ 240.6010,
-15.0863, -14.5591

■ 133.7040,
-14.6441, -16.4034

■ 252.1650, -6.9833,
-0.1447

■ 108.1170,
-14.3547, -15.8886

■ 83.6440, -13.6285,
-15.4738

■ 60.1710, -12.9023,
-15.0590

■ 37.2850, -12.4655,
-15.1589

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 187.0630,
-15.8071, -16.7183

■ 187.0630,
-15.8071, -16.7183

■ 180.2980,
-22.3319, -23.9403

■ 193.8280, -9.2822,
-9.4962

■ 173.4190,
-29.2936, -31.0625

■ 200.7070, -2.3206,
-2.3740

■ 166.9530,
-35.9658, -37.6698

■ 207.1730, 4.3517,
4.2333

■ 160.1880,
-42.4907, -44.8919

■ 213.9380, 10.8766,
11.4554

■ 153.3090,
-49.4523, -52.0140

■ 220.5890, 16.9646,
18.7774

■ 146.5440,
-55.9772, -59.2361

■ 224.4760, 15.0483,
26.7695

■ 139.7790,
-62.5020, -66.4582

■ 135.6060,
-66.8538, -70.6915

Harmonies

Analogous

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



190.3280, -24.3187, 6.7283



187.0630, -15.8071, -16.7183



183.1770, -2.0593, -39.6202

Triad

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



187.0630, -15.8071, -16.7183



187.6740, 27.7687, -40.0561



196.8100, -8.2873, 44.8936

Complementary

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



187.0630, -15.8071, -16.7183



170.9370, 15.8071, 16.7183

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.



197.4850, 4.6909, 35.5317



187.0630, -15.8071, -16.7183



193.7530, 24.7718, -12.0614

Square

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



187.0630, -15.8071, -16.7183



181.8260, 23.7498, -57.7294



197.1540, 16.6861, 14.7739



195.2150, -19.3330, 41.0304

Rectangle

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



187.0630, -15.8071, -16.7183



181.0320, 7.8722, -51.7711



197.1540, 16.6861, 14.7739



197.2380, -4.0613, 42.7643

Sweetspot

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



187.0630, -15.8071, -16.7183



249.0610, -5.9461, -6.1925



189.3100, -16.9148, 12.0061



124.3540, -3.6255, -3.8185



0.0000, 0.0000, 0.0000



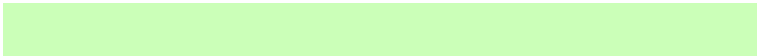
128.0000, 0.0000, 0.0000

Same Dimension

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



187.0630, -15.8071, -16.7183



231.3580, -23.3475, -24.8700



184.3160, -9.5228, -25.7101



98.7670, -3.3361, -3.3037



110.8970, -54.6722, -57.7917



25.2960, -12.4709, -13.4146

Inverse Universe

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



170.9370, 15.8071, 16.7183



207.6420, 23.3475, 24.8700



173.6840, 9.5228, 25.7101



95.2330, 3.3361, 3.3037



55.1030, 54.6722, 57.7917



12.7040, 12.4709, 13.4146

Previews

White Background



This preview shows how the YUV color 187.0630, -15.8071, -16.7183 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 187.0630, -15.8071, -16.7183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

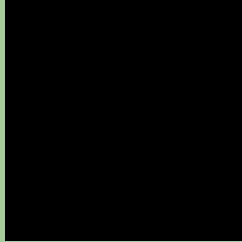
Any Text WCAG AA ✓ Pass

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 187.0630, -15.8071, -16.7183 Background



This preview shows how black text looks on a background with the YUV color 187.0630, -15.8071, -16.7183.



This preview shows how white text looks on a background with the YUV color 187.0630, -15.8071, -16.7183.

-16.7183.

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

187.0630, -15.8071, -16.7183

Protanopia

191.0990, -20.2618, 12.1912

Deuteranopia

193.3980, -16.9582, 25.9610



Tritanopia

192.0290, 9.3527, -13.1804

Trichromacy



Original Color

187.0630, -15.8071, -16.7183

Protanomaly

189.7880, -18.6295, 1.9399

Deuteranomaly

191.4130, -16.4726, 10.1618

Tritanomaly

190.6130, 0.1908, -14.5696

Monochromacy



Original Color

187.0630, -15.8071, -16.7183

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.0630, -15.8071, -16.7183 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(168, 203, 155)` looks like.

```
.text, #text, p{  
    color:rgb(168, 203, 155)  
}
```

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(168, 203, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 203, 155) }
```

Border

The CSS property to change the border of an element to YUV 187.0630, -15.8071, -16.7183 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(168, 203, 155) }
```


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

```
.border{ border-color:rgb(168, 203, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 203, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 203, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 203, 155);  
box-shadow:4px 4px 4px 4px rgb(168, 203,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 187.0630, -15.8071, -16.7183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 203, 155) }
```

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

```
.background{ background-color: rgb(168,  
203, 155) }
```

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