

Converting Colors

YUV(201.8670, -15.2174,
-19.1774)

Have a look what the booklet for
YUV(201.8670, -15.2174, -19.1774)
contains.

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Color

**YUV(201.8670, -15.2174,
-19.1774)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DBAB
RGB	180, 219, 171
RGB Percent	71%, 86%, 67%
CMY	0.2941, 0.1412, 0.3294
CMYK	0.18, 0.00, 0.22, 0.14
HSL	109°, 40%, 76%
HSV	109°, 22%, 86%
XYZ	51.5046, 63.3066, 48.0329
YIQ	201.8670, -7.8360, -23.1960

Conversions

Conversions Part 2

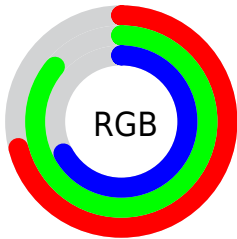
Format	Color
RYB	171, 219, 210
Decimal	11852715
CIELab	83.60, -21.69, 19.48
CIELCh	84, 29.153, 138.071
Yxy	63.3066, 0.3163, 0.3888
Android (android.graphics.Color)	4290042795 (0xFFB4DBAB)
YUV	201.8670, -15.2174, -19.1774
Hunter-Lab	79.5655, -23.6923, 19.9030

Details

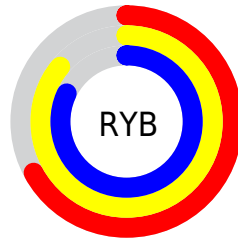
The YUV color **201.8670, -15.2174, -19.1774** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **188.1330, 15.2174, 19.1774**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.0130, -9.8664, -8.7814**, and **147.8070, -14.2019, -18.2477** is the 20% darker color. If you saturate the color by 10%, you get **193.9770, -22.1737, -28.0438**, and if you desaturate by 10%, it is **209.7570, -8.2612, -10.3109**.

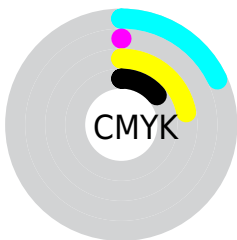
Distribution



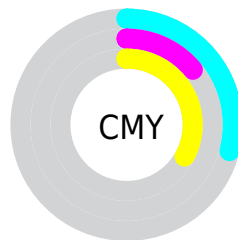
- Red (71%)
- Green (86%)
- Blue (67%)



- Red (67%)
- Yellow (86%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.8670, -15.2174, -19.1774 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 201.8670, -15.2174, -19.1774 by changing the saturation by 10% instead.

■ 201.8670,
-15.2174, -19.1774

■ 201.8670,
-15.2174, -19.1774

255.0000, 0.0000,
0.0000

■ 174.2800,
-14.9280, -18.6626

■ 246.0130, -9.8664,
-8.7814

■ 147.8070,
-14.2019, -18.2477

■ 121.3340,
-13.4757, -17.8329

■ 96.4480, -13.0389,
-17.9329

■ 72.2740, -12.4601,
-16.9033

■ 49.0890, -11.8759,
-17.6181

■ 26.4590, -13.0443,

-16.1885

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 201.8670,
-15.2174, -19.1774

■ 201.8670,
-15.2174, -19.1774

■ 193.9770,
-22.1737, -28.0438

■ 209.7570, -8.2612,
-10.3109

■ 186.0870,
-29.1299, -36.9103

■ 217.6470, -1.3050,
-1.4444

■ 178.4960,
-36.2335, -45.1620

■ 225.2380, 5.7987,
6.8073

■ 170.6060,
-43.1898, -54.0285

■ 232.6720, 11.0077,
16.0737

■ 162.8300,
-49.7092, -62.9949

■ 233.8680, 10.4181,
18.5328

■ 154.9400,
-56.6654, -71.8614

■ 147.0500,
-63.6216, -80.7278

■ 140.8120,
-69.4203, -87.5351

Harmonies

Analogous

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



205.3170, -24.3133, 4.9840



201.8670, -15.2174, -19.1774



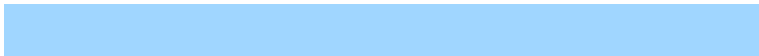
198.0950, -1.0328, -42.1793

Triad

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



201.8670, -15.2174, -19.1774



202.5280, 25.8687, -37.2971



209.1900, -7.9817, 40.1754

Complementary

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



201.8670, -15.2174, -19.1774



188.1330, 15.2174, 19.1774

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.



212.9690, 3.9593, 36.8612



201.8670, -15.2174, -19.1774



208.6070, 22.8717, -9.3023

Square

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



201.8670, -15.2174, -19.1774



197.4670, 24.9128, -57.4146



212.6490, 15.9490, 17.8478



209.3890, -19.9118, 40.0008

Rectangle

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



201.8670, -15.2174, -19.1774



196.3630, 9.1880, -53.8154



212.6490, 15.9490, 17.8478



209.6290, -3.7611, 39.7904

Sweetspot

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



201.8670, -15.2174, -19.1774



248.4630, -5.6513, -7.4221



207.6580, -18.0724, 9.9469



124.0550, -3.4781, -4.4332



0.0000, 0.0000, 0.0000



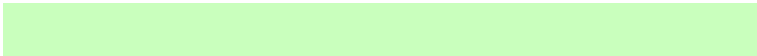
128.0000, 0.0000, 0.0000

Same Dimension

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



201.8670, -15.2174, -19.1774



231.3300, -20.8687, -26.5994



200.7720, -7.7756, -26.1100



106.0550, -3.4781, -4.4332



111.4180, -54.9291, -68.7726



29.6930, -14.6386, -18.1478

Inverse Universe

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



188.1330, 15.2174, 19.1774



212.6700, 20.8687, 26.5994



189.2280, 7.7756, 26.1100



102.9450, 3.4781, 4.4332



61.8810, 54.7817, 69.3874



16.3070, 14.6386, 18.1478

Previews

White Background



This preview shows how the YUV color 201.8670, -15.2174, -19.1774 looks on a white background.

Color Contrast Check

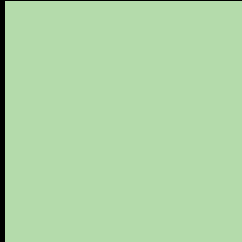
Large Text (above 18pt) WCAG AA × Fail

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 201.8670, -15.2174, -19.1774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

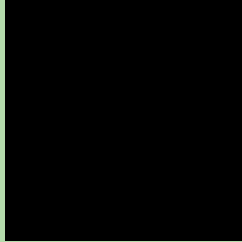
Any Text WCAG AA ✓ Pass

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 201.8670, -15.2174, -19.1774 Background



This preview shows how black text looks on a background with the YUV color 201.8670, -15.2174, -19.1774.



This preview shows how white text looks on a background with the YUV color 201.8670, -15.2174, -19.1774.

-19.1774.

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

201.8670, -15.2174, -19.1774

Protanopia

206.5120, -19.9724, 12.7060

Deuteranopia

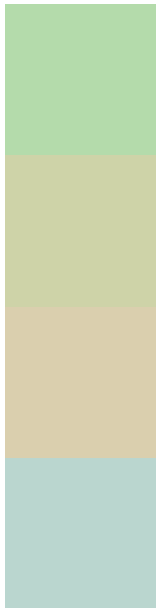
209.1100, -16.8162, 27.0905



Tritanopia

206.3600, 10.6685, -15.2247

Trichromacy



Original Color

201.8670, -15.2174, -19.1774

Protanomaly

204.6030, -18.0453, 1.2252

Deuteranomaly

206.5270, -16.0358, 10.0618

Tritanomaly

204.8300, 1.0698, -16.5139

Monochromacy



Original Color

201.8670, -15.2174, -19.1774

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.8760, -5.3619, -6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.8670, -15.2174, -19.1774 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(180, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(180, 219, 171)  
}
```

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(180, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 219, 171) }
```

Border

The CSS property to change the border of an element to YUV 201.8670, -15.2174, -19.1774 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(180, 219, 171) }
```


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

```
.border{ border-color:rgb(180, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 219, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 219, 171);  
box-shadow:4px 4px 4px 4px rgb(180, 219,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 201.8670, -15.2174, -19.1774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 219, 171) }
```

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

```
.background{ background-color: rgb(180,  
219, 171) }
```

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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