

Converting Colors

YUV(189.6700, -9.6973,
-16.3736)

Have a look what the booklet for
YUV(189.6700, -9.6973, -16.3736)
contains.

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Color

**YUV(189.6700, -9.6973,
-16.3736)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ABCBA |
| RGB | 171, 203, 170 |
| RGB Percent | 67%, 80%, 67% |
| CMY | 0.3294, 0.2039, 0.3333 |
| CMYK | 0.16, 0.00, 0.16, 0.20 |
| HSL | 118°, 24%, 73% |
| HSV | 118°, 16%, 80% |
| XYZ | 45.4062, 54.2721, 46.1126 |
| YIQ | 189.6700, -8.4790, -17.0470 |

Conversions

Conversions Part 2

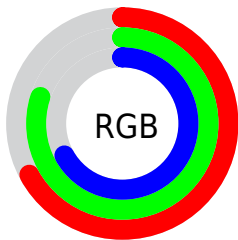
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 170, 203, 202 |
| Decimal | 11258794 |
| CIELab | 78.62, -16.98, 12.95 |
| CIELCh | 79, 21.350, 142.676 |
| Yxy | 54.2721, 0.3114, 0.3723 |
| Android (android.graphics.Color) | 4289448874 (0xFFABCBA) |
| YUV | 189.6700, -9.6973, -16.3736 |
| Hunter-Lab | 73.6696, -18.9034, 14.4568 |

Details

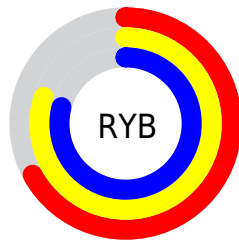
The YUV color **189.6700, -9.6973, -16.3736** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183.3300, 9.6973, 16.3736**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2080, -8.9765, -14.2144**, and **136.1970, -8.9711, -15.9588** is the 20% darker color. If you saturate the color by 10%, you get **181.4100, -15.4851, -26.6696**, and if you desaturate by 10%, it is **197.9300, -3.9095, -6.0776**.

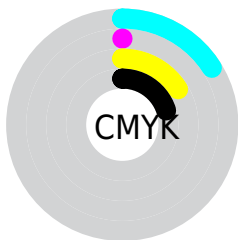
Distribution



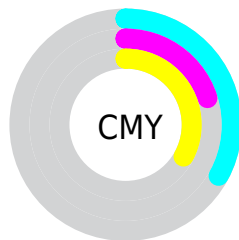
- Red (67%)
- Green (80%)
- Blue (67%)



- Red (67%)
- Yellow (80%)
- Blue (79%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.6700, -9.6973, -16.3736 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 189.6700, -9.6973, -16.3736 by changing the saturation by 10% instead.

■ 189.6700, -9.6973,
-16.3736

■ 189.6700, -9.6973,
-16.3736

255.0000, 0.0000,
0.0000

■ 162.6700, -9.6973,
-16.3736

■ 243.2080, -8.9765,
-14.2144

■ 136.1970, -8.9711,
-15.9588

254.8860, -0.4368,
0.1000

■ 110.6100, -8.6817,
-15.4440

■ 86.0230, -8.3923,
-14.9292

■ 62.5500, -7.6661,
-14.5143

■ 40.0770, -6.9400,
-14.0995

■ 18.2080, -8.9765,

-14.2144

■ 0.0000, 0.0000,
0.0000

■ 189.6700, -9.6973,
-16.3736

■ 189.6700, -9.6973,
-16.3736

■ 181.4100,
-15.4851, -26.6696

■ 197.9300, -3.9095,
-6.0776

■ 173.3350,
-21.8572, -36.2508

■ 206.0050, 2.4625,
3.5036

■ 165.0750,
-27.6450, -46.5468

■ 214.2650, 8.2504,
13.7996

■ 156.8150,
-33.4328, -56.8428

■ 222.5250, 14.0382,
24.0956

■ 148.8540,
-39.3680, -66.5240

■ 224.4760, 15.0483,
26.7695

■ 140.4800,
-45.5926, -76.7200

■ 132.2200,
-51.3805, -87.0159

■ 124.2590,
-57.3157, -96.6971

■ 120.9550,
-59.6308, -100.8155

Harmonies

Analogous

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



192.2440, -16.8823, 1.5400



189.6700, -9.6973, -16.3736



187.6170, 0.6818, -32.1131

Triad

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



189.6700, -9.6973, -16.3736



192.4220, 20.0050, -23.1721



197.3310, -8.5442, 33.9127

Complementary

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



189.6700, -9.6973, -16.3736



183.3300, 9.6973, 16.3736

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.



198.1160, 0.9288, 28.8393



189.6700, -9.6973, -16.3736



195.8590, 17.3245, -3.3843

Square

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



189.6700, -9.6973, -16.3736



188.4650, 18.0118, -37.2418



198.1450, 10.2815, 15.6588



196.0610, -15.8061, 29.7645

Rectangle

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



189.6700, -9.6973, -16.3736



186.7070, 7.5394, -38.3310



198.1450, 10.2815, 15.6588



198.1290, -5.4866, 33.2129

Sweetspot

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



189.6700, -9.6973, -16.3736



249.9300, -3.9095, -6.0776



198.6510, -14.1249, 3.8141



124.6960, -2.3151, -4.1184



0.0000, 0.0000, 0.0000



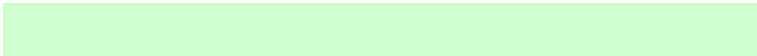
128.0000, 0.0000, 0.0000

Same Dimension

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



189.6700, -9.6973, -16.3736



234.5350, -15.0538, -25.0252



191.0810, -2.9979, -18.4880



97.8700, -2.8939, -5.1480



98.9370, -48.7759, -82.3827



22.6050, -11.1443, -18.9476

Inverse Universe

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



183.3300, 9.6973, 16.3736



224.4650, 15.0538, 25.0252



181.9190, 2.9979, 18.4880



96.1300, 2.8939, 5.1480



67.0630, 48.7759, 82.3827



15.3950, 11.1443, 18.9476

Previews

White Background



This preview shows how the YUV color 189.6700, -9.6973, -16.3736 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 189.6700, -9.6973, -16.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

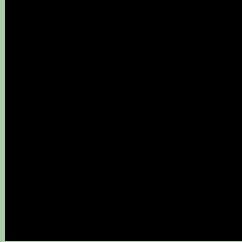
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.6700, -9.6973, -16.3736

Background



This preview shows how black text looks on a background with the YUV color 189.6700, -9.6973, -16.3736.



This preview shows how white text looks on a background with the YUV color 189.6700, -9.6973, -16.3736.

-16.3736.

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

189.6700, -9.6973, -16.3736

Protanopia

193.6840, -14.1412, 9.0471

Deuteranopia

195.2710, -10.9796, 21.6873



Tritanopia

193.1430, 9.7895, -13.2804

Trichromacy



Original Color

189.6700, -9.6973, -16.3736

Protanomaly

192.0850, -12.3669, -0.0745

Deuteranomaly

193.2970, -10.4994, 7.6325

Tritanomaly

191.5960, 2.6642, -14.5547

Monochromacy



Original Color

189.6700, -9.6973, -16.3736

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0440, -3.4727, -6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6700, -9.6973, -16.3736 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(171, 203, 170)` looks like.

```
.text, #text, p{  
    color:rgb(171, 203, 170)  
}
```

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(171, 203, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 203, 170) }
```

Border

The CSS property to change the border of an element to YUV 189.6700, -9.6973, -16.3736 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(171, 203, 170) }
```


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

```
.border{ border-color:rgb(171, 203, 170) }
```

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

Here you see how a box with a 4 pixel rgb(171, 203, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 203, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 203, 170);  
box-shadow:4px 4px 4px 4px rgb(171, 203,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 189.6700, -9.6973, -16.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 203, 170) }
```

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

```
.background{ background-color: rgb(171,  
203, 170) }
```

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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