

Converting Colors

YUV(190.3670, -13.4919,
-12.5999)

Have a look what the booklet for
YUV(190.3670, -13.4919, -12.5999)
contains.

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Color

**YUV(190.3670, -13.4919,
-12.5999)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CBA3
RGB	176, 203, 163
RGB Percent	69%, 80%, 64%
CMY	0.3098, 0.2039, 0.3608
CMYK	0.13, 0.00, 0.20, 0.20
HSL	100°, 28%, 72%
HSV	100°, 20%, 80%
XYZ	45.8713, 54.5863, 42.7689
YIQ	190.3670, -3.2520, -18.1640

Conversions

Conversions Part 2

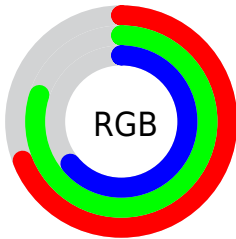
Format	Color
R _{YB}	163, 203, 190
Decimal	11586467
CIE Lab	78.80, -16.43, 16.98
CIE LCh	79, 23.631, 134.062
Yxy	54.5863, 0.3203, 0.3811
Android (android.graphics.Color)	4289776547 (0xFFB0CBA3)
YUV	190.3670, -13.4919, -12.5999
Hunter-Lab	73.8826, -18.4696, 17.3962

Details

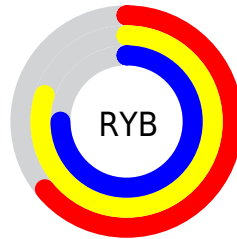
The YUV color **190.3670, -13.4919, -12.5999** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175.6330, 13.4919, 12.5999**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9050, -12.7712, -10.4407**, and **136.8940, -12.7657, -12.1850** is the 20% darker color. If you saturate the color by 10%, you get **183.9010, -20.1642, -19.2072**, and if you desaturate by 10%, it is **196.8330, -6.8197, -5.9925**.

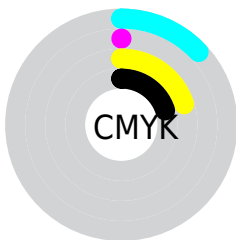
Distribution



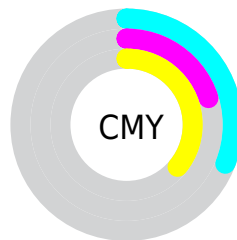
- Red (69%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.3670, -13.4919, -12.5999 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 190.3670, -13.4919, -12.5999 by changing the saturation by 10% instead.

■ 190.3670,
-13.4919, -12.5999

■ 190.3670,
-13.4919, -12.5999

255.0000, 0.0000,
0.0000

■ 163.4810,
-13.0551, -12.6998

■ 243.9050,
-12.7712, -10.4407

■ 136.8940,
-12.7657, -12.1850

■ 254.0880, -3.4944,
0.7998

■ 111.4210,
-12.0396, -11.7702

■ 86.8340, -11.7502,
-11.2554

■ 63.0620, -10.8766,
-11.4554

■ 40.5890, -10.1504,
-11.0406

■ 19.7030, -9.7136,

-11.1405

■ 0.0000, 0.0000,
0.0000

■ 190.3670,
-13.4919, -12.5999

■ 190.3670,
-13.4919, -12.5999

■ 183.9010,
-20.1642, -19.2072

■ 196.8330, -6.8197,
-5.9925

■ 177.6200,
-27.4207, -25.0997

■ 203.1140, 0.4368,
-0.1000

■ 171.1540,
-34.0929, -31.7071

■ 209.5800, 7.1091,
6.5073

■ 164.6880,
-40.7652, -38.3144

■ 216.0460, 13.7813,
13.1147

■ 158.2220,
-47.4374, -44.9217

■ 221.4860, 16.5224,
20.6218

■ 151.9410,
-54.6939, -50.8143

■ 224.4760, 15.0483,
26.7695

■ 145.4750,
-61.3662, -57.4216

■ 139.0090,
-68.0384, -64.0289

■ 138.8950,
-68.4752, -63.9289

Harmonies

Analogous

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



193.0660, -20.2455, 6.9581



190.3670, -13.4919, -12.5999



187.7050, -2.8126, -31.3133

Triad

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



190.3670, -13.4919, -12.5999



191.3500, 22.5055, -31.8789



198.5100, -6.6604, 36.3867

Complementary

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



190.3670, -13.4919, -12.5999



175.6330, 13.4919, 12.5999

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.



199.3270, 4.2758, 28.6542



190.3670, -13.4919, -12.5999



195.0260, 20.6932, -10.5468

Square

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



190.3670, -13.4919, -12.5999



187.2360, 18.6177, -44.9340



198.1490, 14.2235, 11.2703



197.0940, -15.8223, 34.9976

Rectangle

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



190.3670, -13.4919, -12.5999



186.4140, 5.2189, -40.7051



198.1490, 14.2235, 11.2703



198.5360, -2.7292, 35.4869

Sweetspot

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



190.3670, -13.4919, -12.5999



250.3000, -5.0779, -4.6481



190.8090, -13.7098, 10.6915



124.8810, -2.8993, -3.4036



0.0000, 0.0000, 0.0000



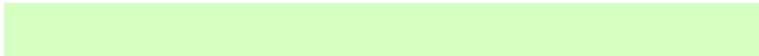
128.0000, 0.0000, 0.0000

Same Dimension

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



190.3670, -13.4919, -12.5999



235.7870, -20.6010, -19.1072



187.2780, -8.5181, -21.2918



98.7670, -3.3361, -3.3037



113.5880, -55.9989, -52.2587



25.8940, -12.7657, -12.1850

Inverse Universe

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



175.6330, 13.4919, 12.5999



213.2130, 20.6010, 19.1072



178.7220, 8.5181, 21.2918



95.2330, 3.3361, 3.3037



52.4120, 55.9989, 52.2587



12.1060, 12.7657, 12.1850

Previews

White Background



This preview shows how the YUV color 190.3670, -13.4919, -12.5999 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 190.3670, -13.4919, -12.5999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

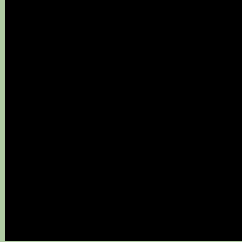
Any Text WCAG AA ✓ Pass

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 190.3670, -13.4919, -12.5999 Background



This preview shows how black text looks on a background with the YUV color 190.3670, -13.4919, -12.5999.



This preview shows how white text looks on a background with the YUV color 190.3670, -13.4919, -12.5999.

-12.5999.

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

190.3670, -13.4919, -12.5999

Protanopia

193.5980, -17.0568, 10.8766

Deuteranopia

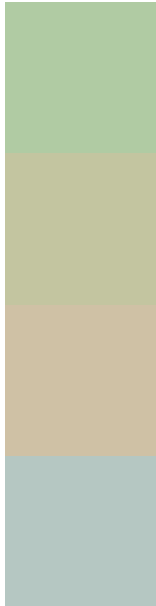
195.6690, -14.6268, 24.8463



Tritanopia

194.2360, 8.7577, -8.9770

Trichromacy



Original Color

190.3670, -13.4919, -12.5999

Protanomaly

192.1840, -15.8667, 2.4696

Deuteranomaly

193.9940, -14.2940, 11.4063

Tritanomaly

193.0480, 0.4693, -10.5661

Monochromacy



Original Color

190.3670, -13.4919, -12.5999

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.3000, -5.0779, -4.6481

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3670, -13.4919, -12.5999 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(176, 203, 163)` looks like.

```
.text, #text, p{  
    color:rgb(176, 203, 163)  
}
```

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(176, 203, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 203, 163) }
```

Border

The CSS property to change the border of an element to YUV 190.3670, -13.4919, -12.5999 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(176, 203, 163) }
```


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

```
.border{ border-color:rgb(176, 203, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 203, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 203, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 203, 163);  
box-shadow:4px 4px 4px 4px rgb(176, 203,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 190.3670, -13.4919, -12.5999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 203, 163) }
```

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

```
.background{ background-color: rgb(176,  
203, 163) }
```

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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