

Converting Colors

YUV(193.3670, -13.4919,
-12.5999)

Have a look what the booklet for
YUV(193.3670, -13.4919, -12.5999)
contains.

YUV(193.3670, -13.4919, -12.5999)	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(193.3670, -13.4919,
-12.5999)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CEA6
RGB	179, 206, 166
RGB Percent	70%, 81%, 65%
CMY	0.2980, 0.1922, 0.3490
CMYK	0.13, 0.00, 0.19, 0.19
HSL	101°, 29%, 73%
HSV	101°, 19%, 81%
XYZ	47.5446, 56.4795, 44.4722
YIQ	193.3670, -3.2520, -18.1640

Conversions

Conversions Part 2

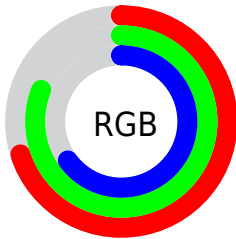
Format	Color
RYB	166, 206, 193
Decimal	11783846
CIELab	79.89, -16.39, 16.93
CIELCh	80, 23.566, 134.075
Yxy	56.4795, 0.3202, 0.3803
Android (android.graphics.Color)	4289973926 (0xFFB3CEA6)
YUV	193.3670, -13.4919, -12.5999
Hunter-Lab	75.1528, -18.5913, 17.5218

Details

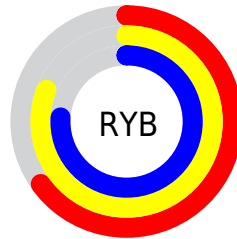
The YUV color **193.3670, -13.4919, -12.5999** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **178.6330, 13.4919, 12.5999**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1440, -11.9030, -8.8963**, and **139.8940, -12.7657, -12.1850** is the 20% darker color. If you saturate the color by 10%, you get **186.7870, -20.6010, -19.1072**, and if you desaturate by 10%, it is **199.9470, -6.3829, -6.0925**.

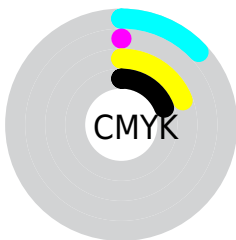
Distribution



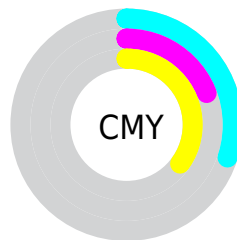
- Red (70%)
- Green (81%)
- Blue (65%)



- Red (65%)
- Yellow (81%)
- Blue (76%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)



- Cyan (30%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.3670, -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 193.3670, -13.4919, -12.5999 by changing the saturation by 10% instead.

■ 193.3670,
-13.4919, -12.5999

■ 193.3670,
-13.4919, -12.5999

255.0000, 0.0000,
0.0000

■ 165.8940,
-12.7657, -12.1850

■ 245.1440,
-11.9030, -8.8963

■ 139.8940,
-12.7657, -12.1850

■ 254.4300, -2.1840,
0.4999

■ 114.3070,
-12.4764, -11.6702

■ 89.5350, -11.6028,
-11.8702

■ 65.9480, -11.3134,
-11.3554

■ 43.4750, -10.5872,
-10.9406

■ 22.3720, -11.0294,

-9.0962

■ 0.0000, 0.0000,
0.0000

■ 193.3670,
-13.4919, -12.5999

■ 193.3670,
-13.4919, -12.5999

■ 186.7870,
-20.6010, -19.1072

■ 199.9470, -6.3829,
-6.0925

■ 180.3210,
-27.2733, -25.7145

■ 206.4130, 0.2894,
0.5148

■ 173.7410,
-34.3823, -32.2219

■ 212.9930, 7.3985,
7.0221

■ 167.2750,
-41.0546, -38.8292

■ 219.4590, 14.0707,
13.6295

■ 160.6950,
-48.1636, -45.3365

■ 224.4430, 15.0646,
21.5365

■ 154.4140,
-55.4201, -51.2291

■ 226.2370, 14.1802,
25.2252

■ 147.9480,
-62.0924, -57.8364

■ 141.3680,
-69.2014, -64.3437

■ 140.9550,
-69.4908, -64.8585

Harmonies

Analogous

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



196.0660, -20.2455, 6.9581



193.3670, -13.4919, -12.5999



190.7050, -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.



193.3670, -13.4919, -12.5999



194.3500, 22.5055, -31.8789



201.8090, -6.8078, 37.0015

Complementary

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



193.3670, -13.4919, -12.5999



178.6330, 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.



202.3270, 4.2758, 28.6542



193.3670, -13.4919, -12.5999



198.0260, 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.



193.3670, -13.4919, -12.5999



190.2360, 18.6177, -44.9340



201.1490, 14.2235, 11.2703



200.0940, -15.8223, 34.9976

Rectangle

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



193.3670, -13.4919, -12.5999



189.4140, 5.2189, -40.7051



201.1490, 14.2235, 11.2703



201.5360, -2.7292, 35.4869

Sweetspot

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



193.3670, -13.4919, -12.5999



250.3000, -5.0779, -4.6481



193.8090, -13.7098, 10.6915



124.8810, -2.8993, -3.4036



0.0000, 0.0000, 0.0000



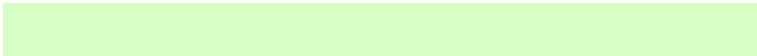
128.0000, 0.0000, 0.0000

Same Dimension

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



193.3670, -13.4919, -12.5999



236.3140, -19.8748, -18.6924



190.2780, -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.



178.6330, 13.4919, 12.5999



214.6860, 19.8748, 18.6924



181.7220, 8.5181, 21.2918



95.2330, 3.3361, 3.3037



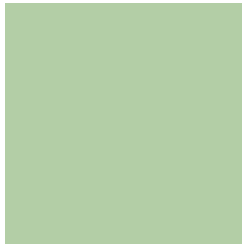
52.4120, 55.9989, 52.2587



12.1060, 12.7657, 12.1850

Previews

White Background



This preview shows how the YUV color 193.3670, -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 193.3670, -13.4919, -12.5999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

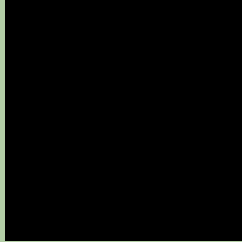
Any Text WCAG AA ✓ Pass

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 193.3670, -13.4919, -12.5999 Background



This preview shows how black text looks on a background with the YUV color 193.3670, -13.4919, -12.5999.



This preview shows how white text looks on a background with the YUV color 193.3670, -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

193.3670, -13.4919, -12.5999

Protanopia

196.5980, -17.0568, 10.8766

Deuteranopia

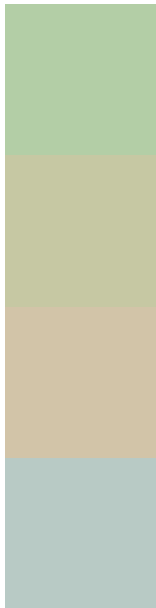
198.6690, -14.6268, 24.8463



Tritanopia

197.2360, 8.7577, -8.9770

Trichromacy



Original Color

193.3670, -13.4919, -12.5999

Protanomaly

195.1840, -15.8667, 2.4696

Deuteranomaly

196.9940, -14.2940, 11.4063

Tritanomaly

196.0480, 0.4693, -10.5661

Monochromacy



Original Color

193.3670, -13.4919, -12.5999

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.3000, -5.0779, -4.6481

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.3670, -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(179, 206, 166)` looks like.

```
.text, #text, p{  
    color:rgb(179, 206, 166)  
}
```

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(179, 206, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 206, 166) }
```

Border

The CSS property to change the border of an element to YUV 193.3670, -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(179, 206, 166) }
```


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

```
.border{ border-color:rgb(179, 206, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 206, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 206, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 206, 166); box-shadow:4px 4px 4px 4px rgb(179, 206, 166) }
```

Background

The CSS property to change the background color of an element to YUV 193.3670, -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(179, 206, 166) }
```

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

```
.background{ background-color: rgb(179,  
206, 166) }
```

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