

Converting Colors

YUV(171.1790, -8.4692,
-36.9910)

Have a look what the booklet for
YUV(171.1790, -8.4692, -36.9910)
contains.

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Color

**YUV(171.1790, -8.4692,
-36.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	81C49A
RGB	129, 196, 154
RGB Percent	51%, 77%, 60%
CMY	0.4941, 0.2314, 0.3961
CMYK	0.34, 0.00, 0.21, 0.23
HSL	142°, 36%, 64%
HSV	142°, 34%, 77%
XYZ	34.6259, 46.4801, 37.7184
YIQ	171.1790, -26.4500, -27.2660

Conversions

Conversions Part 2

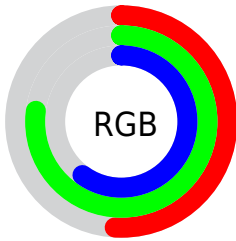
Format	Color
RYB	129, 178, 196
Decimal	8504474
CIELab	73.86, -30.21, 14.46
CIELCh	74, 33.492, 154.419
Yxy	46.4801, 0.2914, 0.3912
Android (android.graphics.Color)	4286694554 (0xFF81C49A)
YUV	171.1790, -8.4692, -36.9910
Hunter-Lab	68.1763, -28.6505, 14.9213

Details

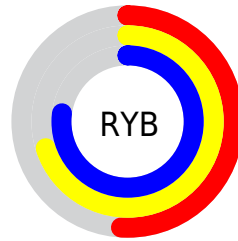
The YUV color **171.1790, -8.4692, -36.9910** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.8210, 8.4692, 36.9910**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2390, -9.4848, -37.9206**, and **118.1190, -7.4537, -36.0614** is the 20% darker color. If you saturate the color by 10%, you get **163.8310, -10.7627, -48.0868**, and if you desaturate by 10%, it is **178.5270, -6.1758, -25.8952**.

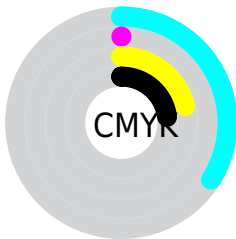
Distribution



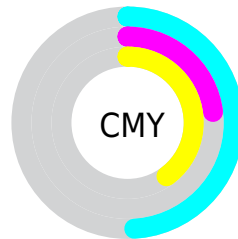
- Red (51%)
- Green (77%)
- Blue (60%)



- Red (51%)
- Yellow (70%)
- Blue (77%)



- Cyan (34%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)




- Cyan (49%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1790, -8.4692, -36.9910 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 171.1790, -8.4692, -36.9910 by changing the saturation by 10% instead.


 171.1790, -8.4692,
-36.9910


 171.1790, -8.4692,
-36.9910


255.0000, 0.0000,
0.0000


 144.5920, -8.1799,
-36.4762


 227.2390, -9.4848,
-37.9206


 118.1190, -7.4537,
-36.0614


 240.0910, -1.5239,
-24.6358

 92.3470, -6.5801,
-36.2613

 250.8140, 2.0637,
-8.6069

 66.6780, -5.2643,
-38.3056

 43.2050, -4.5381,
-37.8908

 27.3100, -7.0548,
-23.9509

 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 171.1790, -8.4692,
-36.9910

■ 171.1790, -8.4692,
-36.9910

■ 163.8310,
-10.7627, -48.0868

■ 178.5270, -6.1758,
-25.8952

■ 156.6680,
-13.6403, -58.4678

■ 185.6900, -3.2982,
-15.5141

■ 149.3200,
-15.9338, -69.5636

■ 193.0380, -1.0047,
-4.4183

■ 142.2710,
-18.3746, -80.0447

■ 200.0870, 1.4361,
6.0627

■ 134.9230,
-20.6680, -91.1405

■ 207.4350, 3.7295,
17.1585

■ 127.4610,
-23.3983, -102.1363

■ 214.8970, 6.4598,
28.1543

■ 123.3740,
-24.8344, -108.1990

■ 218.6570, 10.5221,
31.8728

■ 220.0250, 15.7637,
30.6731

■ 220.3670, 17.0741,
30.3731

Harmonies

Analogous

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



175.6850, -22.5227, -9.3707



171.1790, -8.4692, -36.9910



165.4220, 9.6520, -62.6371

Triad

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



171.1790, -8.4692, -36.9910



178.9620, 31.0777, -28.0307



183.7260, -17.6129, 49.3523

Complementary

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



171.1790, -8.4692, -36.9910



153.8210, 8.4692, 36.9910

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.



185.0970, -3.4988, 49.0269



171.1790, -8.4692, -36.9910



184.8200, 23.2597, 6.2969

Square

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



171.1790, -8.4692, -36.9910



170.1060, 32.4857, -59.7290



185.8960, 11.3903, 33.4172



182.1300, -27.1791, 37.5970

Rectangle

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



171.1790, -8.4692, -36.9910



163.3310, 21.0358, -73.9583



185.8960, 11.3903, 33.4172



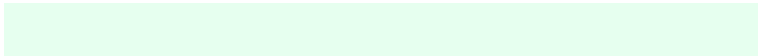
184.2900, -12.9610, 50.6117

Sweetspot

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



171.1790, -8.4692, -36.9910



245.7010, -3.3036, -13.7698



180.8870, -25.5803, -8.6709



122.0760, -2.0095, -8.8367



0.0000, 0.0000, 0.0000



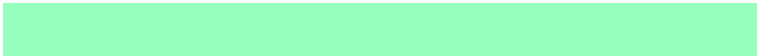
128.0000, 0.0000, 0.0000

Same Dimension

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



171.1790, -8.4692, -36.9910



216.0810, -13.3509, -57.9530



174.9410, 5.9451, -40.2903



93.3260, -1.1467, -5.5479



101.3470, -20.3841, -88.8813



20.7390, -4.3083, -18.1881

Inverse Universe

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



153.8210, 8.4692, 36.9910



188.9190, 13.3509, 57.9530



150.0590, -5.9451, 40.2903



90.6740, 1.1467, 5.5479



59.6530, 20.3841, 88.8813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 171.1790, -8.4692, -36.9910 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 171.1790, -8.4692, -36.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

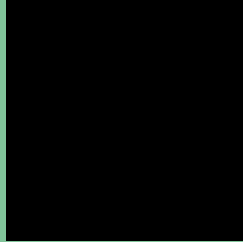
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.1790, -8.4692, -36.9910

Background



This preview shows how black text looks on a background with the YUV color 171.1790, -8.4692, -36.9910.



This preview shows how white text looks on a background with the YUV color 171.1790, -8.4692, -36.9910.

-36.9910.

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

171.1790, -8.4692, -36.9910

Protanopia

179.7120, -16.6200, 10.7766

Deuteranopia

181.8580, -11.2690, 21.1725



Tritanopia

176.0590, 13.7749, -31.6237

Trichromacy



Original Color

171.1790, -8.4692, -36.9910

Protanomaly

176.6990, -13.6556, -6.7520

Deuteranomaly

177.9540, -10.3303, 0.0403

Tritanomaly

174.5720, 5.6340, -33.8276

Monochromacy



Original Color

171.1790, -8.4692, -36.9910

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1140, -3.0142, -13.2550

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1790, -8.4692, -36.9910 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(129, 196, 154)` looks like.

```
.text, #text, p{  
    color:rgb(129, 196, 154)  
}
```

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(129, 196, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 196, 154) }
```

Border

The CSS property to change the border of an element to YUV 171.1790, -8.4692, -36.9910 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(129, 196, 154) }
```


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

```
.border{ border-color:rgb(129, 196, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 196, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 196, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 196, 154);  
box-shadow:4px 4px 4px 4px rgb(129, 196,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 171.1790, -8.4692, -36.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 196, 154) }
```

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

```
.background{ background-color: rgb(129,  
196, 154) }
```

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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