

Converting Colors

YUV(174.4310, -10.5655,
-17.9180)

Have a look what the booklet for
YUV(174.4310, -10.5655, -17.9180)
contains.

YUV(174.4310, -10.5655, -17.9180)	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(174.4310, -10.5655,
-17.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	9ABD99
RGB	154, 189, 153
RGB Percent	60%, 74%, 60%
CMY	0.3961, 0.2588, 0.4000
CMYK	0.19, 0.00, 0.19, 0.26
HSL	118°, 21%, 67%
HSV	118°, 19%, 74%
XYZ	37.2738, 45.5651, 36.9674
YIQ	174.4310, -9.3040, -18.6160

Conversions

Conversions Part 2

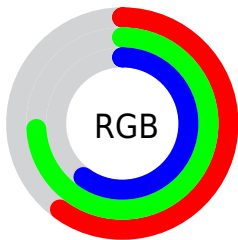
Format	Color
RYB	153, 189, 188
Decimal	10141081
CIELab	73.26, -18.77, 14.38
CIELCh	73, 23.644, 142.552
Yxy	45.5651, 0.3111, 0.3803
Android (android.graphics.Color)	4288331161 (0xFF9ABD99)
YUV	174.4310, -10.5655, -17.9180
Hunter-Lab	67.5019, -19.5628, 14.7812

Details

The YUV color **174.4310, -10.5655, -17.9180** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **167.5690, 10.5655, 17.9180**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.9040, -11.2917, -18.3328**, and **121.9580, -9.8393, -17.5032** is the 20% darker color. If you saturate the color by 10%, you get **166.8830, -16.2113, -27.0844**, and if you desaturate by 10%, it is **181.9790, -4.9196, -8.7516**.

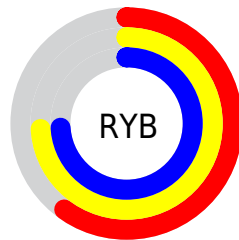
Distribution



Red (60%)

Green (74%)

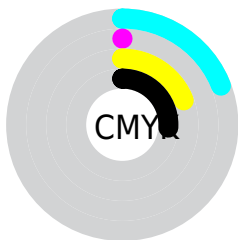
Blue (60%)



Red (60%)

Yellow (74%)

Blue (74%)

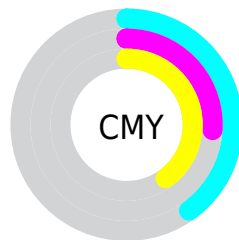


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4310, -10.5655, -17.9180 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 174.4310, -10.5655, -17.9180 by changing the saturation by 10% instead.

■ 174.4310,
-10.5655, -17.9180

■ 174.4310,
-10.5655, -17.9180

255.0000, 0.0000,
0.0000

■ 147.8440,
-10.2761, -17.4032

■ 229.9040,
-11.2917, -18.3328

■ 121.9580, -9.8393,
-17.5032

■ 247.4520, -5.6458,
-9.1664

■ 96.7840, -9.2605,
-16.4736

■ 72.8980, -8.8237,
-16.5735

■ 49.4250, -8.0975,
-16.1587

■ 27.5390, -7.6607,
-16.2587

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 174.4310,
-10.5655, -17.9180

■ 174.4310,
-10.5655, -17.9180

■ 166.8830,
-16.2113, -27.0844

■ 181.9790, -4.9196,
-8.7516

■ 159.0360,
-21.7097, -36.8656

■ 189.8260, 0.5788,
1.0296

■ 151.4880,
-27.3556, -46.0320

■ 197.3740, 6.2246,
10.1960

■ 143.6410,
-32.8540, -55.8132

■ 205.2210, 11.7230,
19.9772

■ 136.2070,
-38.0631, -65.0795

■ 212.7690, 17.3689,
29.1436

■ 128.6590,
-43.7089, -74.2459

■ 216.2580, 19.0998,
33.9767

■ 120.8120,
-49.2073, -84.0271

■ 113.2640,
-54.8532, -93.1935

■ 112.4380,
-55.4319, -94.2231

Harmonies

Analogous

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



177.4890, -18.4821, 1.3251



174.4310, -10.5655, -17.9180



172.0080, 0.9821, -35.0870

Triad

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



174.4310, -10.5655, -17.9180



177.2690, 22.0524, -26.5459



182.8260, -9.2812, 36.9866

Complementary

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



174.4310, -10.5655, -17.9180



167.5690, 10.5655, 17.9180

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.



183.8390, 1.0654, 31.7132



174.4310, -10.5655, -17.9180



181.0160, 19.2191, -4.3990

Square

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



174.4310, -10.5655, -17.9180



172.4150, 20.5014, -42.4600



183.3840, 11.1497, 17.2032



181.6160, -17.5587, 31.9088

Rectangle

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



174.4310, -10.5655, -17.9180



170.3150, 8.7187, -43.2493



183.3840, 11.1497, 17.2032



182.7380, -5.7868, 36.1868

Sweetspot

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



174.4310, -10.5655, -17.9180



239.1040, -4.4883, -7.1072



184.3090, -15.4353, 4.1140



118.6960, -2.3151, -4.1184



250.0000, 0.0000, 0.0000



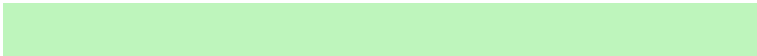
122.0000, 0.0000, 0.0000

Same Dimension

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



174.4310, -10.5655, -17.9180



222.0570, -16.7901, -28.1140



176.0700, -2.9925, -20.2324



90.2830, -2.6045, -4.6332



93.9420, -46.3134, -78.8791



18.4960, -9.1185, -15.3440

Inverse Universe

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



167.5690, 10.5655, 17.9180



210.9430, 16.7901, 28.1140



165.9300, 2.9925, 20.2324



88.7170, 2.6045, 4.6332



64.0580, 46.3134, 78.8791



12.5040, 9.1185, 15.3440

Previews

White Background



This preview shows how the YUV color 174.4310, -10.5655, -17.9180 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 174.4310, -10.5655, -17.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

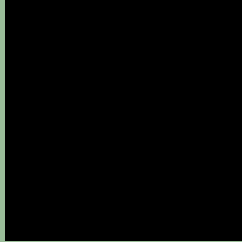
Any Text WCAG AA ✓ Pass

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 174.4310, -10.5655, -17.9180 Background



This preview shows how black text looks on a background with the YUV color 174.4310, -10.5655, -17.9180.



This preview shows how white text looks on a background with the YUV color 174.4310, -10.5655, -17.9180.

-17.9180.

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

174.4310, -10.5655, -17.9180

Protanopia

178.7550, -15.1622, 9.8619

Deuteranopia

180.6300, -12.1426, 21.3725



Tritanopia

178.0180, 9.3581, -14.9248

Trichromacy



Original Color

174.4310, -10.5655, -17.9180

Protanomaly

177.4440, -13.5299, -0.3894

Deuteranomaly

178.3570, -11.5150, 6.7029

Tritanomaly

176.4710, 2.2328, -16.1991

Monochromacy



Original Color

174.4310, -10.5655, -17.9180

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9300, -3.9095, -6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4310, -10.5655, -17.9180 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(154, 189, 153)` looks like.

```
.text, #text, p{  
    color:rgb(154, 189, 153)  
}
```

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(154, 189, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 189, 153) }
```

Border

The CSS property to change the border of an element to YUV 174.4310, -10.5655, -17.9180 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(154, 189, 153) }
```


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

```
.border{ border-color:rgb(154, 189, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 189, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 189, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 189, 153);  
box-shadow:4px 4px 4px 4px rgb(154, 189,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 174.4310, -10.5655, -17.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 189, 153) }
```

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

```
.background{ background-color: rgb(154,  
189, 153) }
```

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