

Converting Colors

YUV(177.9820, -2.9491,
-34.1872)

Have a look what the booklet for
YUV(177.9820, -2.9491, -34.1872)
contains.

YUV(177.9820, -2.9491, -34.1872)	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(177.9820, -2.9491,
-34.1872)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC7AC
RGB	139, 199, 172
RGB Percent	55%, 78%, 67%
CMY	0.4549, 0.2196, 0.3255
CMYK	0.30, 0.00, 0.14, 0.22
HSL	153°, 35%, 66%
HSV	153°, 30%, 78%
XYZ	38.5173, 49.3144, 46.5183
YIQ	177.9820, -27.0930, -21.1170

Conversions

Conversions Part 2

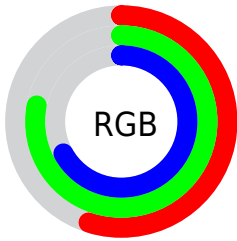
Format	Color
RYB	139, 178, 199
Decimal	9160620
CIELab	75.65, -25.02, 7.38
CIELCh	76, 26.087, 163.569
Yxy	49.3144, 0.2867, 0.3671
Android (android.graphics.Color)	4287350700 (0xFF8BC7AC)
YUV	177.9820, -2.9491, -34.1872
Hunter-Lab	70.2242, -24.9868, 9.8817

Details

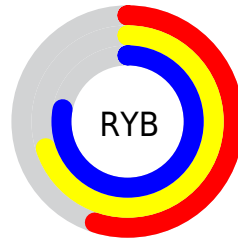
The YUV color $177.9820, -2.9491, -34.1872$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $160.0180, 2.9491, 34.1872$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.5690, -3.2385, -34.7020$, and $124.8080, -2.3703, -33.1576$ is the 20% darker color. If you saturate the color by 10%, you get $170.9760, -3.9322, -45.5830$, and if you desaturate by 10%, it is $184.9880, -1.9661, -22.7915$.

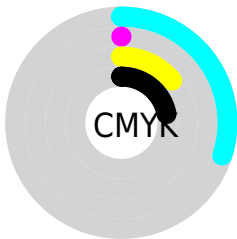
Distribution



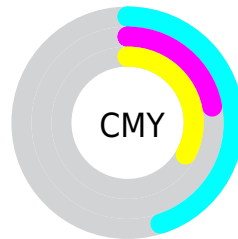
- Red (55%)
- Green (78%)
- Blue (67%)



- Red (55%)
- Yellow (70%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 177.9820, -2.9491, -34.1872 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 177.9820, -2.9491, -34.1872 by changing the saturation by 10% instead.


 177.9820, -2.9491,
-34.1872


 177.9820, -2.9491,
-34.1872


255.0000, 0.0000,
0.0000


 151.2810, -3.0965,
-33.5724


 233.5690, -3.2385,
-34.7020


 124.8080, -2.3703,
-33.1576


 245.1330, 4.8644,
-20.2876

 98.9220, -1.9335,
-33.2576

 253.8040, 0.5896,
-2.4591

 74.0360, -1.4967,
-33.3576

 48.1710, 0.4087,
-37.8610

 30.7810, -1.3710,
-26.9949

 16.6640, -7.2294,

-14.6143

■ 0.0000, 0.0000,
0.0000

■ 177.9820, -2.9491,
-34.1872

■ 177.9820, -2.9491,
-34.1872

■ 170.9760, -3.9322,
-45.5830

■ 184.9880, -1.9661,
-22.7915

■ 163.9700, -4.9152,
-56.9787

■ 191.9940, -0.9830,
-11.3957

■ 156.9640, -5.8983,
-68.3744

■ 199.0000, 0.0000,
0.0000

■ 149.9580, -6.8813,
-79.7702

■ 206.0060, 0.9830,
11.3957

■ 142.9520, -7.8643,
-91.1659

■ 213.0120, 1.9661,
22.7915

■ 136.2450, -8.9948,
-101.9469

■ 218.8220, 3.5388,
31.7281

■ 129.2390, -9.9778,
-113.3426

■ 219.8480, 7.4699,
30.8283

■ 220.8740, 11.4011,
29.9285

■ 221.9000, 15.3323,
29.0287

Harmonies

Analogous

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



181.3130, -14.9443, -13.4295



177.9820, -2.9491, -34.1872



175.7380, 10.4822, -48.8822

Triad

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



177.9820, -2.9491, -34.1872



186.5850, 22.8826, -12.7910



188.4750, -16.9962, 38.1714

Complementary

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



177.9820, -2.9491, -34.1872



160.0180, 2.9491, 34.1872

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.



189.5320, -6.6713, 39.8754



177.9820, -2.9491, -34.1872



190.0890, 15.2391, 12.1999

Square

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



177.9820, -2.9491, -34.1872



181.5990, 24.8477, -36.4823



190.2780, 5.2859, 31.3282



186.3180, -22.3418, 26.0311

Rectangle

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



177.9820, -2.9491, -34.1872



175.6650, 17.9132, -52.3262



190.2780, 5.2859, 31.3282



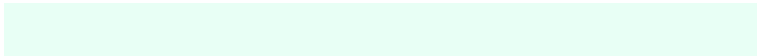
188.6970, -13.6546, 39.7307

Sweetspot

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



177.9820, -2.9491, -34.1872



246.9830, -0.9776, -13.1401



182.2930, -21.3434, -14.2890



122.7170, -0.8465, -8.5218



0.0000, 0.0000, 0.0000



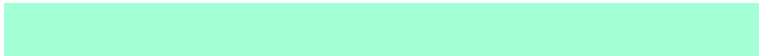
128.0000, 0.0000, 0.0000

Same Dimension

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



177.9820, -2.9491, -34.1872



222.8180, -4.3473, -52.4604



179.2990, 9.7126, -35.3422



95.8530, -0.4205, -5.1331



105.9410, -7.8589, -92.9103



23.4120, -1.6821, -20.5323

Inverse Universe

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



160.0180, 2.9491, 34.1872



195.2960, 4.7841, 52.3604



158.7010, -9.7126, 35.3422



93.1470, 0.4205, 5.1331



57.0590, 7.8589, 92.9103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 177.9820, -2.9491, -34.1872 looks on a white background.

Color Contrast Check

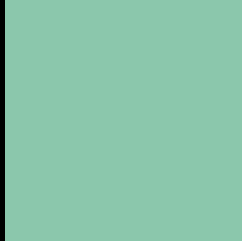
Large Text (above 18pt) WCAG AA × Fail

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 177.9820, -2.9491, -34.1872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

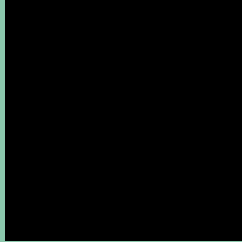
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.9820, -2.9491, -34.1872

Background



This preview shows how black text looks on a background with the YUV color 177.9820, -2.9491, -34.1872.



This preview shows how white text looks on a background with the YUV color 177.9820, -2.9491, -34.1872.

-34.1872.

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

177.9820, -2.9491, -34.1872

Protanopia

185.4110, -10.0626, 7.5326

Deuteranopia

187.0300, -5.4378, 17.5137



Tritanopia

181.6570, 13.4801, -30.3942

Trichromacy



Original Color

177.9820, -2.9491, -34.1872

Protanomaly

182.7080, -7.2510, -7.6369

Deuteranomaly

183.5500, -4.2151, -1.3593

Tritanomaly

180.4520, 7.6652, -31.9684

Monochromacy



Original Color

177.9820, -2.9491, -34.1872

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.2820, -1.1250, -12.5253

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.9820, -2.9491, -34.1872 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(139, 199, 172)` looks like.

```
.text, #text, p{  
    color:rgb(139, 199, 172)  
}
```

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(139, 199, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 199, 172) }
```

Border

The CSS property to change the border of an element to YUV 177.9820, -2.9491, -34.1872 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(139, 199, 172) }
```


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

```
.border{ border-color:rgb(139, 199, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 199, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 199, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 199, 172);  
box-shadow:4px 4px 4px 4px rgb(139, 199,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 177.9820, -2.9491, -34.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 199, 172) }
```

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

```
.background{ background-color: rgb(139,  
199, 172) }
```

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