

Converting Colors

YUV(188.4770, -0.2352,
-17.9583)

Have a look what the booklet for
YUV(188.4770, -0.2352, -17.9583)
contains.

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Color

**YUV(188.4770, -0.2352,
-17.9583)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C7BC
RGB	168, 199, 188
RGB Percent	66%, 78%, 74%
CMY	0.3412, 0.2196, 0.2627
CMYK	0.16, 0.00, 0.06, 0.22
HSL	159°, 22%, 72%
HSV	159°, 16%, 78%
XYZ	45.6490, 52.8025, 55.3629
YIQ	188.4770, -14.9450, -9.9930

Conversions

Conversions Part 2

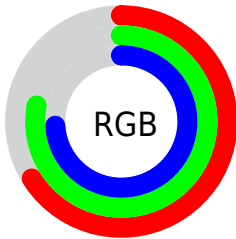
Format	Color
RYB	168, 187, 199
Decimal	11061180
CIELab	77.76, -12.57, 2.02
CIELCh	78, 12.730, 170.862
Yxy	52.8025, 0.2968, 0.3433
Android (android.graphics.Color)	4289251260 (0xFFA8C7BC)
YUV	188.4770, -0.2352, -17.9583
Hunter-Lab	72.6653, -15.0292, 5.6934

Details

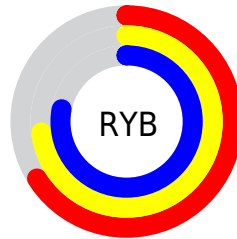
The YUV color $188.4770, -0.2352, -17.9583$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $178.5230, 0.2352, 17.9583$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.1780, -0.0878, -18.5731$, and $135.1890, -0.0932, -16.8288$ is the 20% darker color. If you saturate the color by 10%, you get $181.6990, -0.3446, -29.5540$, and if you desaturate by 10%, it is $195.2550, -0.1257, -6.3626$.

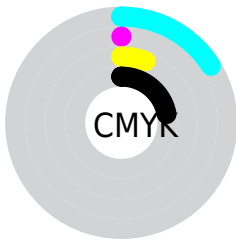
Distribution



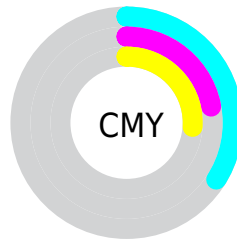
- Red (66%)
- Green (78%)
- Blue (74%)



- Red (66%)
- Yellow (73%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (34%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.4770, -0.2352, -17.9583 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 188.4770, -0.2352, -17.9583 by changing the saturation by 10% instead.


 188.4770, -0.2352,
-17.9583


 188.4770, -0.2352,
-17.9583

255.0000, 0.0000,
0.0000


 161.4770, -0.2352,
-17.9583


 244.1780, -0.0878,
-18.5731


 135.1890, -0.0932,
-16.8288

 254.1030, 0.4422,
-1.8443

 109.6020, 0.1962,
-16.3140

 85.4880, -0.2406,
-16.2140

 61.9010, 0.0488,
-15.6992

 39.3140, 0.3382,
-15.1844

 18.7160, 0.6330,

-16.4139

0.0000, 0.0000,
0.0000

188.4770, -0.2352,
-17.9583

188.4770, -0.2352,
-17.9583

181.6990, -0.3446,
-29.5540

195.2550, -0.1257,
-6.3626

174.9210, -0.4541,
-41.1497

202.0330, -0.0163,
5.2331

168.1430, -0.5635,
-52.7454

208.8110, 0.0932,
16.8288

161.3650, -0.6729,
-64.3411

215.5890, 0.2026,
28.4244

154.8860, -0.9298,
-75.3220

218.4800, 2.2284,
32.0280

■ 148.1080, -1.0392,
-86.9177

■ 219.2780, 5.2859,
31.3282

■ 141.3300, -1.1487,
-98.5134

■ 220.0760, 8.3435,
30.6283

■ 134.5520, -1.2581,
-110.1091

■ 220.8740, 11.4011,
29.9285

■ 131.4050, -1.6787,
-115.2422

■ 221.7860, 14.8955,
29.1287

Harmonies

Analogous

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



189.3380, -6.0826, -9.0664



188.4770, -0.2352, -17.9583



188.3500, 5.7435, -22.2319

Triad

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



188.4770, -0.2352, -17.9583



192.7360, 10.4832, -2.3995



193.8900, -9.8058, 18.5135

Complementary

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



188.4770, -0.2352, -17.9583



178.5230, 0.2352, 17.9583

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.



194.1660, -5.0118, 20.9024



188.4770, -0.2352, -17.9583



194.3630, 6.2300, 8.4516

Square

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



188.4770, -0.2352, -17.9583



191.0120, 11.8261, -13.1655



194.3380, 0.8194, 17.2436



192.3900, -11.5313, 11.9360

Rectangle

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



188.4770, -0.2352, -17.9583



188.5610, 9.0904, -22.4170



194.3380, 0.8194, 17.2436



193.9440, -8.3534, 19.3431

Sweetspot

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



188.4770, -0.2352, -17.9583



250.5430, -0.2677, -7.4922



189.4860, -10.5926, -9.1962



125.2660, -0.1311, -4.6183



0.0000, 0.0000, 0.0000



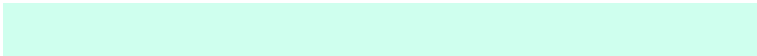
128.0000, 0.0000, 0.0000

Same Dimension

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



188.4770, -0.2352, -17.9583



238.7100, -0.3500, -27.8097



187.3830, 5.7272, -16.9989



95.9670, 0.0163, -5.2331



107.6510, -1.3069, -94.4099



23.7540, -0.3717, -20.8323

Inverse Universe

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



178.5230, 0.2352, 17.9583



223.2900, 0.3500, 27.8097



179.6170, -5.7272, 16.9989



93.0330, -0.0163, 5.2331



55.3490, 1.3069, 94.4099



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 188.4770, -0.2352, -17.9583 looks on a white background.

Color Contrast Check

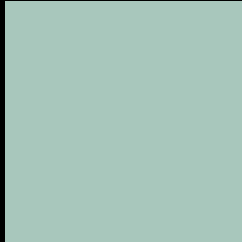
Large Text (above 18pt) WCAG AA × Fail

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 188.4770, -0.2352, -17.9583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

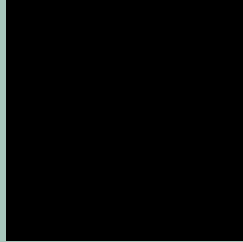
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

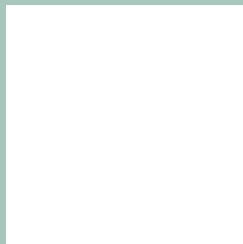
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.4770, -0.2352, -17.9583

Background



This preview shows how black text looks on a background with the YUV color 188.4770, -0.2352, -17.9583.



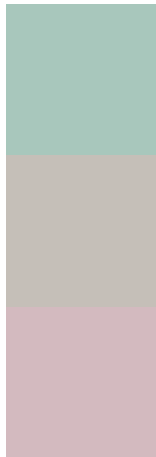
This preview shows how white text looks on a background with the YUV color 188.4770, -0.2352, -17.9583.

-17.9583.

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

188.4770, -0.2352, -17.9583

Protanopia

191.9960, -3.9420, 4.3885

Deuteranopia

194.0450, -1.5012, 14.8695



Tritanopia

190.5340, 10.0897, -16.2543

Trichromacy



Original Color

188.4770, -0.2352, -17.9583

Protanomaly

190.5820, -2.7519, -4.0184

Deuteranomaly

192.0820, -1.0264, 2.5591

Tritanomaly

189.9100, 6.4534, -16.5841

Monochromacy



Original Color

188.4770, -0.2352, -17.9583

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2550, -0.1257, -6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.4770, -0.2352, -17.9583 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(168, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(168, 199, 188)  
}
```

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(168, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 199, 188) }
```

Border

The CSS property to change the border of an element to YUV 188.4770, -0.2352, -17.9583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

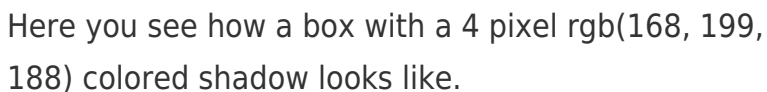
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 199, 188) }
```


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

```
.border{ border-color:rgb(168, 199, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 199, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 199, 188); box-shadow:4px 4px 4px 4px rgb(168, 199, 188) }
```

Background

The CSS property to change the background color of an element to YUV 188.4770, -0.2352, -17.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 199, 188) }
```

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

```
.background{ background-color: rgb(168,  
199, 188) }
```

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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