

Converting Colors

YUV(186.1290, 0.9224,
-15.8991)

Have a look what the booklet for
YUV(186.1290, 0.9224, -15.8991)
contains.

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Color

**YUV(186.1290, 0.9224,
-15.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C3BC
RGB	168, 195, 188
RGB Percent	66%, 76%, 74%
CMY	0.3412, 0.2353, 0.2627
CMYK	0.14, 0.00, 0.04, 0.24
HSL	164°, 18%, 71%
HSV	164°, 14%, 76%
XYZ	44.7407, 50.9859, 55.0601
YIQ	186.1290, -13.8450, -7.9010

Conversions

Conversions Part 2

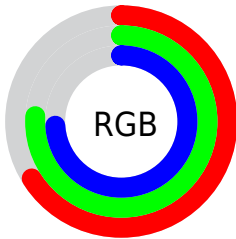
Format	Color
RYB	168, 184, 195
Decimal	11060156
CIELab	76.67, -10.49, 0.44
CIELCh	77, 10.503, 177.612
Yxy	50.9859, 0.2967, 0.3381
Android (android.graphics.Color)	4289250236 (0xFFA8C3BC)
YUV	186.1290, 0.9224, -15.8991
Hunter-Lab	71.4044, -13.1130, 4.2644

Details

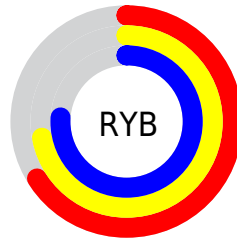
The YUV color $186.1290, 0.9224, -15.8991$ is a light color, and the websafe version is hex $99CCCC$, and the color name is *opal*. A complement of this color would be $176.8710, -0.9224, 15.8991$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.4170, 0.7804, -17.0287$, and $132.8410, 1.0644, -14.7696$ is the 20% darker color. If you saturate the color by 10%, you get $179.8780, 1.5391, -27.0800$, and if you desaturate by 10%, it is $192.3800, 0.3057, -4.7183$.

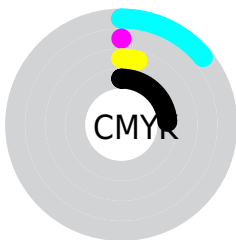
Distribution



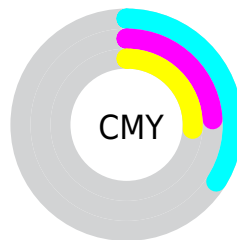
- Red (66%)
- Green (76%)
- Blue (74%)



- Red (66%)
- Yellow (72%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (34%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.1290, 0.9224, -15.8991 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 186.1290, 0.9224, -15.8991 by changing the saturation by 10% instead.

■ 186.1290, 0.9224,
-15.8991

■ 186.1290, 0.9224,
-15.8991

255.0000, 0.0000,
0.0000

■ 159.1290, 0.9224,
-15.8991

■ 242.4170, 0.7804,
-17.0287

■ 132.8410, 1.0644,
-14.7696

■ 254.1030, 0.4422,
-1.8443

■ 107.8410, 1.0644,
-14.7696

■ 83.1400, 0.9170,
-14.1548

■ 60.1400, 0.9170,
-14.1548

■ 37.8520, 1.0590,
-13.0252

■ 16.9550, 1.5012,

-14.8695

■ 0.0000, 0.0000,
0.0000

■ 186.1290, 0.9224,
-15.8991

■ 186.1290, 0.9224,
-15.8991

■ 179.8780, 1.5391,
-27.0800

■ 192.3800, 0.3057,
-4.7183

■ 173.3280, 2.3033,
-38.8757

■ 198.9300, -0.4585,
7.0774

■ 167.0770, 2.9200,
-50.0565

■ 205.4800, -1.2226,
18.8730

■ 160.5270, 3.6842,
-61.8522

■ 211.7310, -1.8394,
30.0539

■ 154.2760, 4.3009,
-73.0331

■ 214.9920, -0.9821,
35.0870

■ 147.7260, 5.0651,
-84.8287

■ 215.5620, 1.2019,
34.5871

■ 141.4750, 5.6818,
-96.0096

■ 216.1320, 3.3859,
34.0872

■ 134.9250, 6.4460,
-107.8052

■ 216.7020, 5.5699,
33.5873

■ 130.8810, 6.4677,
-114.7826

■ 217.2720, 7.7539,
33.0875

Harmonies

Analogous

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



186.9080, -3.8986, -9.5663



186.1290, 0.9224, -15.8991



186.3720, 5.7326, -18.7432

Triad

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



186.1290, 0.9224, -15.8991



190.0630, 7.8569, -0.0553



190.2100, -8.4845, 14.7248

Complementary

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



186.1290, 0.9224, -15.8991



176.8710, -0.9224, 15.8991

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.



190.8450, -4.8536, 16.7989



186.1290, 0.9224, -15.8991



190.9070, 4.4828, 8.8516

Square

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



186.1290, 0.9224, -15.8991



188.4640, 9.6312, -9.1769



191.5720, -0.7750, 15.2844



188.9380, -9.3364, 7.9474

Rectangle

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



186.1290, 0.9224, -15.8991



186.9530, 7.9112, -17.4988



191.5720, -0.7750, 15.2844



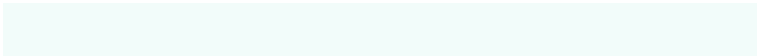
190.1500, -7.4689, 15.6545

Sweetspot

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



186.1290, 0.9224, -15.8991



248.7820, 0.6005, -5.9478



185.9420, -8.8454, -9.5961



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



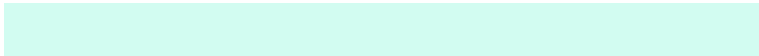
128.0000, 0.0000, 0.0000

Same Dimension

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



186.1290, 0.9224, -15.8991



238.1880, 1.3863, -24.7209



183.4050, 5.7163, -13.5102



93.6680, 0.1637, -5.8478



108.0730, 5.3870, -94.7800



22.2210, 1.3700, -19.4878

Inverse Universe

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



176.8710, -0.9224, 15.8991



223.8120, -1.3863, 24.7209



179.5950, -5.7163, 13.5102



90.3320, -0.1637, 5.8478



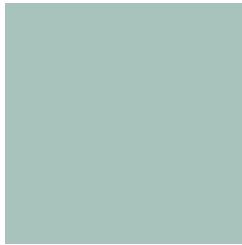
52.9270, -5.3870, 94.7800



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 186.1290, 0.9224, -15.8991 looks on a white background.

Color Contrast Check

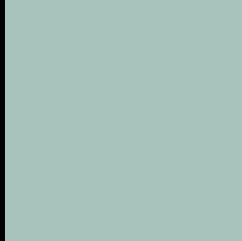
Large Text (above 18pt) WCAG AA × Fail

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 186.1290, 0.9224, -15.8991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

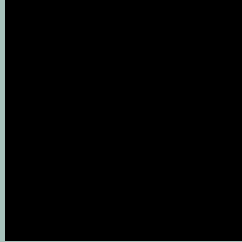
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.1290, 0.9224, -15.8991

Background



This preview shows how black text looks on a background with the YUV color 186.1290, 0.9224, -15.8991.



This preview shows how white text looks on a background with the YUV color 186.1290, 0.9224, -15.8991.

-15.8991.

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

186.1290, 0.9224, -15.8991

Protanopia

189.0390, -2.4842, 3.4738

Deuteranopia

190.6750, -0.3328, 13.4400



Tritanopia

187.4310, 9.6475, -14.4100

Trichromacy



Original Color

186.1290, 0.9224, -15.8991

Protanomaly

188.2230, -1.5889, -3.7036

Deuteranomaly

188.7230, 0.1366, 2.8739

Tritanomaly

186.9210, 6.4479, -14.8397

Monochromacy



Original Color

186.1290, 0.9224, -15.8991

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.7820, 0.6005, -5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.1290, 0.9224, -15.8991 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, 195, 188)` looks like.

```
.text, #text, p{  
    color:rgb(168, 195, 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, 195, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 195, 188) }
```

Border

The CSS property to change the border of an element to YUV 186.1290, 0.9224, -15.8991 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, 195, 188) }
```


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

```
.border{ border-color:rgb(168, 195, 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, 195, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 195, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 195, 188);  
box-shadow:4px 4px 4px 4px rgb(168, 195,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 186.1290, 0.9224, -15.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 195, 188) }
```

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

```
.background{ background-color: rgb(168,  
195, 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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