

Converting Colors

YUV(189.9310, 1.0200,
-47.2975)

Have a look what the booklet for
YUV(189.9310, 1.0200, -47.2975)
contains.

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Color

**YUV(189.9310, 1.0200,
-47.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	88D9C0
RGB	136, 217, 192
RGB Percent	53%, 85%, 75%
CMY	0.4667, 0.1490, 0.2471
CMYK	0.37, 0.00, 0.12, 0.15
HSL	161°, 52%, 69%
HSV	161°, 37%, 85%
XYZ	44.4806, 58.6657, 58.8484
YIQ	189.9310, -40.2510, -24.9470

Conversions

Conversions Part 2

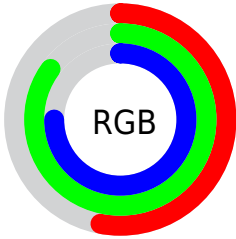
Format	Color
RYB	136, 184, 217
Decimal	8968640
CIELab	81.11, -30.37, 4.51
CIElCh	81, 30.708, 171.547
Yxy	58.6657, 0.2746, 0.3621
Android (android.graphics.Color)	4287158720 (0xFF88D9C0)
YUV	189.9310, 1.0200, -47.2975
Hunter-Lab	76.5936, -30.3774, 8.0617

Details

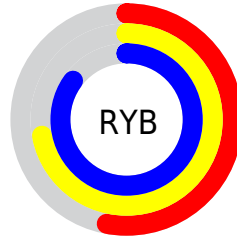
The YUV color **189.9310, 1.0200, -47.2975** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **163.0690, -1.0200, 47.2975**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.3650, 6.2291, -38.0311**, and **135.4580, 1.7462, -46.8827** is the 20% darker color. If you saturate the color by 10%, you get **182.5550, 1.2054, -60.1227**, and if you desaturate by 10%, it is **197.3070, 0.8346, -34.4722**.

Distribution



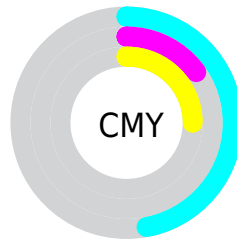
- Red (53%)
- Green (85%)
- Blue (75%)



- Red (53%)
- Yellow (72%)
- Blue (85%)



- Cyan (37%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (47%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.9310, 1.0200, -47.2975 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 189.9310, 1.0200, -47.2975 by changing the saturation by 10% instead.

■ 189.9310, 1.0200,
-47.2975

■ 189.9310, 1.0200,
-47.2975

255.0000, 0.0000,
0.0000

■ 162.3440, 1.3094,
-46.7827

■ 235.3650, 6.2291,
-38.0311

■ 135.4580, 1.7462,
-46.8827

■ 244.8340, 5.0118,
-20.9024

■ 108.2730, 2.3304,
-47.5974

■ 253.5050, 0.7370,
-3.0739

■ 81.2940, 3.7991,
-52.0008

■ 57.3050, 3.7936,
-50.2565

■ 40.7090, 1.1295,
-35.7018

■ 25.5150, -1.2399,

-22.3767

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 189.9310, 1.0200,
-47.2975

■ 189.9310, 1.0200,
-47.2975

■ 182.5550, 1.2054,
-60.1227

■ 197.3070, 0.8346,
-34.4722

■ 175.5920, 1.6801,
-72.4332

■ 204.2700, 0.3599,
-22.1618

■ 168.2160, 1.8655,
-85.2584

■ 211.6460, 0.1745,
-9.3365

■ 160.8400, 2.0509,
-98.0837

■ 219.0220, -0.0108,
3.4887

■ 153.8770, 2.5256,
-110.3941

■ 225.9850, -0.4856,
15.7992

■ 146.5010, 2.7110,
-123.2194

■ 230.0720, 0.9505,
21.8619

■ 144.4790, 2.7219,
-126.7081

■ 230.8700, 4.0081,
21.1620

■ 231.6680, 7.0657,
20.4622

■ 232.3520, 9.6865,
19.8623

Harmonies

Analogous

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



194.0730, -14.3330, -22.8660



189.9310, 1.0200, -47.2975



186.9580, 16.7827, -63.1072

Triad

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



189.9310, 1.0200, -47.2975



203.0140, 25.6291, -7.0283



202.8300, -22.1012, 42.2451

Complementary

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



189.9310, 1.0200, -47.2975



163.0690, -1.0200, 47.2975

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.



203.2400, -10.4713, 45.3935



189.9310, 1.0200, -47.2975



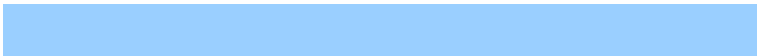
205.5570, 15.5014, 21.4365

Square

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



189.9310, 1.0200, -47.2975



196.6250, 28.7789, -37.3821



205.9480, 2.4906, 41.2646



200.9390, -27.5779, 25.4865

Rectangle

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



189.9310, 1.0200, -47.2975



188.1350, 25.0764, -63.2624



205.9480, 2.4906, 41.2646



203.6500, -19.0544, 45.0340

Sweetspot

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



189.9310, 1.0200, -47.2975



245.6020, 0.1962, -16.3140



191.3210, -27.2733, -25.7145



122.2330, -0.1149, -9.8513



0.0000, 0.0000, 0.0000



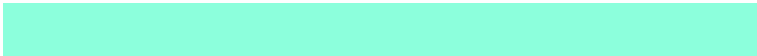
128.0000, 0.0000, 0.0000

Same Dimension

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



189.9310, 1.0200, -47.2975



216.6250, 1.6639, -67.2001



183.9760, 16.2808, -42.0750



106.2550, -0.1257, -6.3626



115.2310, 2.3511, -101.0576



30.6500, 0.6656, -26.8800

Inverse Universe

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



163.0690, -1.0200, 47.2975



178.4890, -1.2271, 67.1001



169.0240, -16.2808, 42.0750



102.6310, -0.3111, 6.4626



57.8830, -1.9143, 100.9576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 189.9310, 1.0200, -47.2975 looks on a white background.

Color Contrast Check

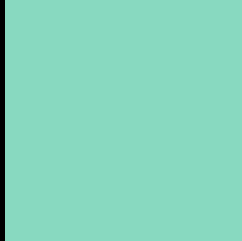
Large Text (above 18pt) WCAG AA × Fail

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 189.9310, 1.0200, -47.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

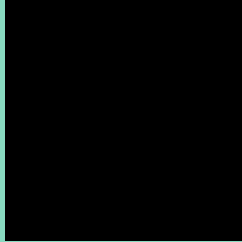
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.9310, 1.0200, -47.2975

Background



This preview shows how black text looks on a background with the YUV color 189.9310, 1.0200, -47.2975.



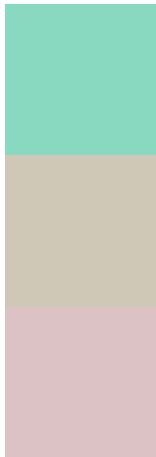
This preview shows how white text looks on a background with the YUV color 189.9310, 1.0200,

-47.2975.

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**

189.9310, 1.0200, -47.2975

Protanopia

200.4540, -8.6048, 6.6178

Deuteranopia

202.4150, -2.6696, 16.2990



Tritanopia

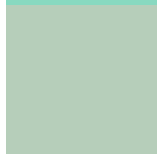
193.9050, 17.3018, -42.8897

Trichromacy



Original Color

189.9310, 1.0200, -47.2975



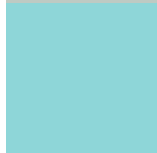
Protanomaly

196.5440, -5.1982, -12.7551



Deuteranomaly

197.6140, -1.2887, -6.6775



Tritanomaly

192.7000, 11.4869, -44.4639

Monochromacy



Original Color

189.9310, 1.0200, -47.2975



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.0040, 0.4910, -17.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9310, 1.0200, -47.2975 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(136, 217, 192)` looks like.

```
.text, #text, p{  
    color:rgb(136, 217, 192)  
}
```

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(136, 217, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 217, 192) }
```

Border

The CSS property to change the border of an element to YUV 189.9310, 1.0200, -47.2975 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(136, 217, 192) }
```


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

```
.border{ border-color:rgb(136, 217, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 217, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 217, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 217, 192); box-shadow:4px 4px 4px 4px rgb(136, 217, 192) }
```

Background

The CSS property to change the background color of an element to YUV 189.9310, 1.0200, -47.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 217, 192) }
```

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

```
.background{ background-color: rgb(136,  
217, 192) }
```

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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