

Converting Colors

YUV(196.8290, -0.9017,
-37.5610)

Have a look what the booklet for
YUV(196.8290, -0.9017, -37.5610)
contains.

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Color

**YUV(196.8290, -0.9017,
-37.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	9ADBC3
RGB	154, 219, 195
RGB Percent	60%, 86%, 76%
CMY	0.3961, 0.1412, 0.2353
CMYK	0.30, 0.00, 0.11, 0.14
HSL	158°, 47%, 73%
HSV	158°, 30%, 86%
XYZ	48.5083, 61.4732, 60.9386
YIQ	196.8290, -31.0360, -21.2440

Conversions

Conversions Part 2

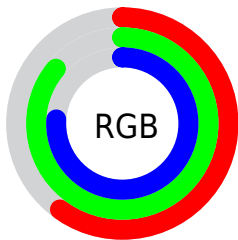
Format	Color
RYB	154, 194, 219
Decimal	10148803
CIELab	82.63, -25.57, 5.24
CIELCh	83, 26.098, 168.424
Yxy	61.4732, 0.2838, 0.3597
Android (android.graphics.Color)	4288338883 (0xFF9ADBC3)
YUV	196.8290, -0.9017, -37.5610
Hunter-Lab	78.4048, -26.7724, 8.8014

Details

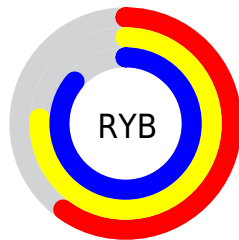
The YUV color **196.8290, -0.9017, -37.5610** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **176.1710, 0.9017, 37.5610**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2030, 5.3229, -27.3650**, and **142.5410, -0.7597, -36.4315** is the 20% darker color. If you saturate the color by 10%, you get **189.3390, -1.1531, -50.2863**, and if you desaturate by 10%, it is **204.3190, -0.6503, -24.8358**.

Distribution



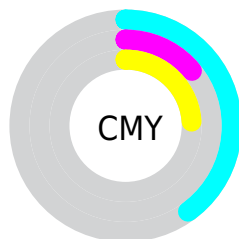
- Red (60%)
- Green (86%)
- Blue (76%)



- Red (60%)
- Yellow (76%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (40%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.8290, -0.9017, -37.5610 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 196.8290, -0.9017, -37.5610 by changing the saturation by 10% instead.

■ 196.8290, -0.9017,
-37.5610

■ 196.8290, -0.9017,
-37.5610

255.0000, 0.0000,
0.0000

■ 169.2420, -0.6123,
-37.0462

■ 241.2030, 5.3229,
-27.3650

■ 142.5410, -0.7597,
-36.4315

■ 250.2160, 2.3585,
-9.8364

■ 116.0680, -0.0335,
-36.0166

■ 90.7690, 0.1139,
-36.6314

■ 65.1000, 1.4297,
-38.6757

■ 42.2250, 1.8611,
-37.0313

■ 26.9170, -0.9451,

-23.6062

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 196.8290, -0.9017,
-37.5610

■ 196.8290, -0.9017,
-37.5610

■ 189.3390, -1.1531,
-50.2863

■ 204.3190, -0.6503,
-24.8358

■ 181.8490, -1.4046,
-63.0116

■ 211.8090, -0.3988,
-12.1105

■ 174.3590, -1.6560,
-75.7368

■ 219.2990, -0.1474,
0.6148

■ 166.8690, -1.9074,
-88.4621

■ 226.7890, 0.1040,
13.3400

■ 159.6780, -2.3063,
-100.5726

■ 231.5880, 1.6821,
20.5323

■ 152.0740, -2.9945,
-113.1979

■ 232.6140, 5.6133,
19.6325

■ 144.5840, -3.2459,
-125.9232

■ 233.5260, 9.1077,
18.8327

■ 144.2850, -3.0985,
-126.5379

■ 233.8680, 10.4181,
18.5328

Harmonies

Analogous

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



199.7470, -13.1863, -17.3181



196.8290, -0.9017, -37.5610



195.1830, 12.2348, -51.0265

Triad

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



196.8290, -0.9017, -37.5610



206.7920, 22.2875, -8.5876



207.4210, -18.4486, 37.3418

Complementary

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



196.8290, -0.9017, -37.5610



176.1710, 0.9017, 37.5610

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.



208.9620, -8.8553, 40.3753



196.8290, -0.9017, -37.5610



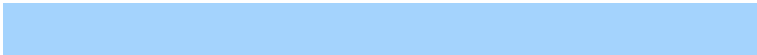
209.1820, 14.2073, 16.5034

Square

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



196.8290, -0.9017, -37.5610



201.7350, 25.2736, -33.0936



210.0180, 2.9491, 34.1872



205.6660, -23.4993, 23.9719

Rectangle

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



196.8290, -0.9017, -37.5610



195.7190, 19.3655, -51.4966



210.0180, 2.9491, 34.1872



208.1270, -15.8386, 40.2306

Sweetspot

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



196.8290, -0.9017, -37.5610



247.2110, -0.1040, -13.3400



199.6300, -22.4956, -18.0925



122.8310, -0.4097, -8.6218



0.0000, 0.0000, 0.0000



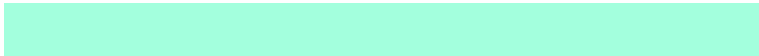
128.0000, 0.0000, 0.0000

Same Dimension

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



196.8290, -0.9017, -37.5610



223.6160, -1.2897, -53.1602



194.8690, 11.8966, -35.8421



106.2550, -0.1257, -6.3626



113.9770, -2.4537, -99.9578



30.3080, -0.6448, -26.5801

Inverse Universe

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



176.1710, 0.9017, 37.5610



194.3840, 1.2897, 53.1602



178.1310, -11.8966, 35.8421



102.7450, 0.1257, 6.3626



59.0230, 2.4537, 99.9578



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 196.8290, -0.9017, -37.5610 looks on a white background.

Color Contrast Check

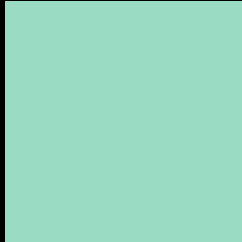
Large Text (above 18pt) WCAG AA × Fail

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 196.8290, -0.9017, -37.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

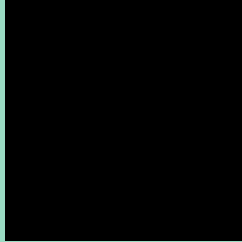
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

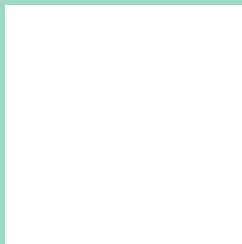
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.8290, -0.9017, -37.5610

Background



This preview shows how black text looks on a background with the YUV color 196.8290, -0.9017, -37.5610.



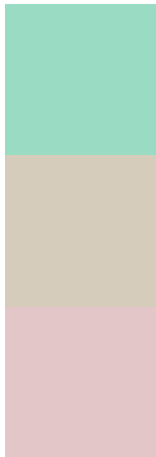
This preview shows how white text looks on a background with the YUV color 196.8290, -0.9017,

-37.5610.

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

196.8290, -0.9017, -37.5610

Protanopia

204.7530, -8.7522, 7.2326

Deuteranopia

206.7850, -3.8380, 17.7286



Tritanopia

200.3900, 15.0907, -33.6680

Trichromacy



Original Color

196.8290, -0.9017, -37.5610

Protanomaly

201.7510, -5.7932, -8.5516

Deuteranomaly

203.2940, -2.6099, -2.8888

Tritanomaly

199.1850, 9.2758, -35.2422

Monochromacy



Original Color

196.8290, -0.9017, -37.5610

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.7980, -0.3934, -13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.8290, -0.9017, -37.5610 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, 219, 195)` looks like.

```
.text, #text, p{  
    color:rgb(154, 219, 195)  
}
```

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, 219, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 219, 195) }
```

Border

The CSS property to change the border of an element to YUV 196.8290, -0.9017, -37.5610 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, 219, 195) }
```


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

```
.border{ border-color:rgb(154, 219, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 219, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 219, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 219, 195);  
box-shadow:4px 4px 4px 4px rgb(154, 219,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 196.8290, -0.9017, -37.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 219, 195) }
```

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

```
.background{ background-color: rgb(154,  
219, 195) }
```

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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