

Converting Colors

YUV(196.9310, 1.0200,
-47.2975)

Have a look what the booklet for
YUV(196.9310, 1.0200, -47.2975)
contains.

YUV(196.9310, 1.0200, -47.2975)	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(196.9310, 1.0200,
-47.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE0C7
RGB	143, 224, 199
RGB Percent	56%, 88%, 78%
CMY	0.4392, 0.1216, 0.2196
CMYK	0.36, 0.00, 0.11, 0.12
HSL	161°, 57%, 72%
HSV	161°, 36%, 88%
XYZ	48.2922, 63.2745, 63.7008
YIQ	196.9310, -40.2510, -24.9470

Conversions

Conversions Part 2

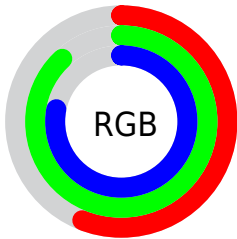
Format	Color
RYB	143, 191, 224
Decimal	9429191
CIELab	83.59, -30.27, 4.43
CIELCh	84, 30.596, 171.678
Yxy	63.2745, 0.2755, 0.3610
Android (android.graphics.Color)	4287619271 (0xFF8FE0C7)
YUV	196.9310, 1.0200, -47.2975
Hunter-Lab	79.5453, -30.8363, 8.2016

Details

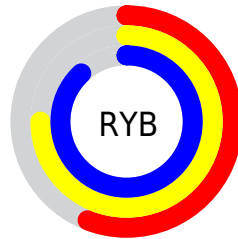
The YUV color $196.9310, 1.0200, -47.2975$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $170.0690, -1.0200, 47.2975$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.2560, 8.2548, -34.4275$, and $141.4580, 1.7462, -46.8827$ is the 20% darker color. If you saturate the color by 10%, you get $189.5550, 1.2054, -60.1227$, and if you desaturate by 10%, it is $204.3070, 0.8346, -34.4722$.

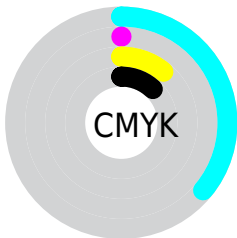
Distribution



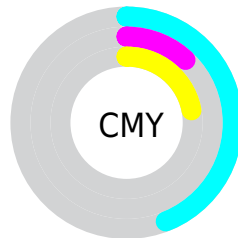
- Red (56%)
- Green (88%)
- Blue (78%)



- Red (56%)
- Yellow (75%)
- Blue (88%)



- Cyan (36%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (44%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.9310, 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 196.9310, 1.0200, -47.2975 by changing the saturation by 10% instead.

■ 196.9310, 1.0200,
-47.2975

■ 196.9310, 1.0200,
-47.2975

255.0000, 0.0000,
0.0000

■ 169.3440, 1.3094,
-46.7827

■ 238.2560, 8.2548,
-34.4275

■ 141.4580, 1.7462,
-46.8827

■ 246.9270, 3.9800,
-16.5990

■ 115.2730, 2.3304,
-47.5974

■ 88.1910, 3.3568,
-50.1565

■ 61.5110, 4.6781,
-53.9451

■ 44.9150, 2.0139,
-39.3905

■ 29.0200, -0.5029,

-25.4505

■ 12.5550, -5.2036,
-11.0107

■ 0.0000, 0.0000,
0.0000

■ 196.9310, 1.0200,
-47.2975

■ 196.9310, 1.0200,
-47.2975

■ 189.5550, 1.2054,
-60.1227

■ 204.3070, 0.8346,
-34.4722

■ 181.8800, 1.5382,
-73.5628

■ 211.9820, 0.5019,
-21.0322

■ 174.5040, 1.7235,
-86.3880

■ 219.3580, 0.3165,
-8.2070

■ 166.8290, 2.0563,
-99.8280

■ 227.0330, -0.0163,
5.2331

■ 159.4530, 2.2417,
-112.6533

■ 234.4090, -0.2016,
18.0583

■ 152.1910, 2.8638,
-125.5785

■ 235.0930, 2.4192,
17.4584

■ 149.1580, 2.8801,
-130.8116

■ 235.8910, 5.4767,
16.7586

■ 236.6890, 8.5343,
16.0587

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



200.7740, -14.1856, -23.4808



196.9310, 1.0200, -47.2975



194.3710, 17.0721, -62.5924

Triad

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



196.9310, 1.0200, -47.2975



209.2160, 22.5715, -6.3284



208.8190, -22.0958, 40.5007

Complementary

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



196.9310, 1.0200, -47.2975



170.0690, -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.



208.0330, -9.8763, 41.1901



196.9310, 1.0200, -47.2975



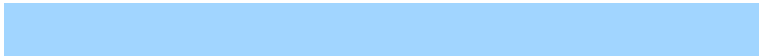
212.8560, 15.3540, 22.0513

Square

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



196.9310, 1.0200, -47.2975



202.2400, 26.0107, -36.1675



211.4530, 3.2277, 38.1907



207.9390, -27.5779, 25.4865

Rectangle

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



196.9310, 1.0200, -47.2975



195.4340, 24.9290, -62.6476



211.4530, 3.2277, 38.1907



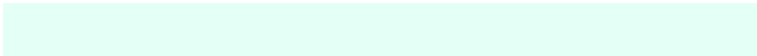
208.4430, -18.4594, 40.8305

Sweetspot

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



196.9310, 1.0200, -47.2975



245.6020, 0.1962, -16.3140



198.3210, -27.2733, -25.7145



122.2330, -0.1149, -9.8513



0.0000, 0.0000, 0.0000



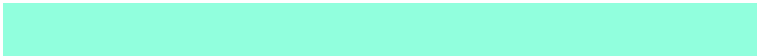
128.0000, 0.0000, 0.0000

Same Dimension

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



196.9310, 1.0200, -47.2975



218.2340, 1.3636, -64.2262



190.9760, 16.2808, -42.0750



108.3690, 0.3111, -6.4626



117.2200, 2.3565, -102.8019



31.9380, 0.5236, -28.0096

Inverse Universe

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



170.0690, -1.0200, 47.2975



181.7660, -1.3636, 64.2262



176.0240, -16.2808, 42.0750



104.6310, -0.3111, 6.4626



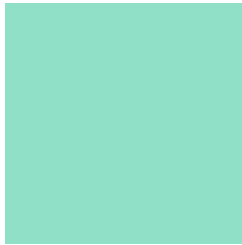
58.7800, -2.3565, 102.8019



16.0620, -0.5236, 28.0096

Previews

White Background



This preview shows how the YUV color 196.9310, 1.0200, -47.2975 looks on a white background.

Color Contrast Check

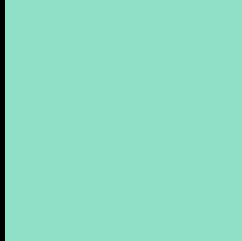
Large Text (above 18pt) WCAG AA × Fail

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 196.9310, 1.0200, -47.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

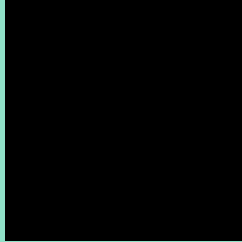
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

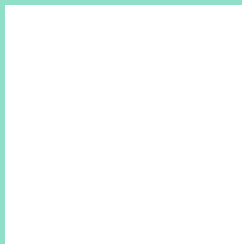
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.9310, 1.0200, -47.2975

Background



This preview shows how black text looks on a background with the YUV color 196.9310, 1.0200, -47.2975.



This preview shows how white text looks on a background with the YUV color 196.9310, 1.0200, -47.2975.

-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

196.9310, 1.0200, -47.2975

Protanopia

207.4540, -8.6048, 6.6178

Deuteranopia

209.7140, -2.8170, 16.9138



Tritanopia

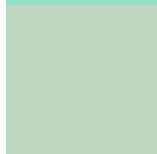
200.9050, 17.3018, -42.8897

Trichromacy



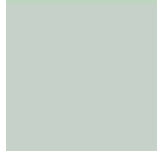
Original Color

196.9310, 1.0200, -47.2975



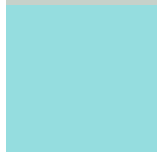
Protanomaly

203.5440, -5.1982, -12.7551



Deuteranomaly

204.9130, -1.4361, -6.0627



Tritanomaly

199.7000, 11.4869, -44.4639

Monochromacy



Original Color

196.9310, 1.0200, -47.2975



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.0040, 0.4910, -17.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9310, 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(143, 224, 199)` looks like.

```
.text, #text, p{  
    color:rgb(143, 224, 199)  
}
```

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(143, 224, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 224, 199) }
```

Border

The CSS property to change the border of an element to YUV 196.9310, 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(143, 224, 199) }
```


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

```
.border{ border-color:rgb(143, 224, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 224, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 224, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 224, 199);  
box-shadow:4px 4px 4px 4px rgb(143, 224,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 196.9310, 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(143, 224, 199) }
```

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

```
.background{ background-color: rgb(143,  
224, 199) }
```

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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