

Converting Colors

YUV(184.2010, 11.7329,
-29.9943)

Have a look what the booklet for
YUV(184.2010, 11.7329, -29.9943)
contains.

YUV(184.2010, 11.7329, -29.9943)	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(184.2010, 11.7329,
-29.9943)**

Conversions

Conversions Part 1

Format	Color
Hex	96C5D0
RGB	150, 197, 208
RGB Percent	59%, 77%, 82%
CMY	0.4118, 0.2275, 0.1843
CMYK	0.28, 0.05, 0.00, 0.18
HSL	191°, 38%, 70%
HSV	191°, 28%, 82%
XYZ	43.9291, 50.9706, 67.1975
YIQ	184.2010, -31.5430, -6.5430

Conversions

Conversions Part 2

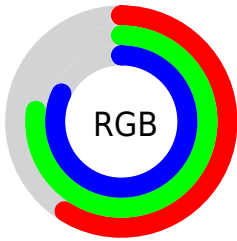
Format	Color
R _{YB}	150, 176, 208
Decimal	9881040
CIE Lab	76.66, -12.82, -10.52
CIE LCh	77, 16.583, 219.367
Yxy	50.9706, 0.2710, 0.3144
Android (android.graphics.Color)	4288071120 (0xFF96C5D0)
YUV	184.2010, 11.7329, -29.9943
Hunter-Lab	71.3937, -15.1065, -5.8296

Details

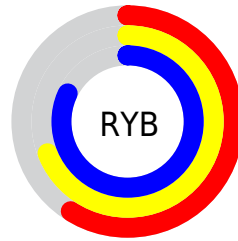
The YUV color **184.2010, 11.7329, -29.9943** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **173.7990, -11.7329, 29.9943**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4630, 7.6597, -30.2241**, and **130.5000, 11.5855, -29.3795** is the 20% darker color. If you saturate the color by 10%, you get **175.5740, 15.9860, -40.8454**, and if you desaturate by 10%, it is **192.8280, 7.4798, -19.1432**.

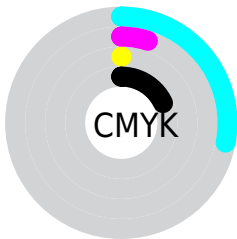
Distribution



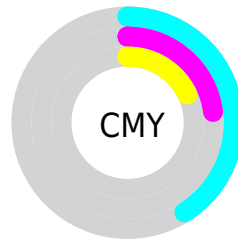
- Red (59%)
- Green (77%)
- Blue (82%)



- Red (59%)
- Yellow (69%)
- Blue (82%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (41%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.2010, 11.7329, -29.9943 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 184.2010, 11.7329, -29.9943 by changing the saturation by 10% instead.

■ 184.2010, 11.7329,
-29.9943

■ 184.2010, 11.7329,
-29.9943

255.0000, 0.0000,
0.0000

■ 157.0870, 11.2961,
-29.8943

■ 239.4630, 7.6597,
-30.2241

■ 130.5000, 11.5855,
-29.3795

■ 248.7210, 3.0955,
-12.9103

■ 105.3860, 11.1487,
-29.2795

■ 80.0870, 11.2961,
-29.8943

■ 55.1900, 11.7383,
-31.7386

■ 33.9730, 10.8593,
-29.7943

■ 19.7250, 7.0376,

-17.2988

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 184.2010, 11.7329,
-29.9943

■ 184.2010, 11.7329,
-29.9943

■ 175.5740, 15.9860,
-40.8454

■ 192.8280, 7.4798,
-19.1432

■ 166.9470, 20.2391,
-51.6965

■ 201.4550, 3.2267,
-8.2920

■ 158.6190, 24.3448,
-61.9329

■ 209.7830, -0.8790,
1.9443

■ 149.9920, 28.5979,
-72.7840

■ 218.4100, -5.1321,
12.7954

■ 141.3650, 32.8511,
-83.6351

■ 227.0370, -9.3852,
23.6466

■ 132.7380, 37.1042,
-94.4862

■ 229.6840,
-10.6902, 22.2021

■ 124.1110, 41.3573,
-105.3373

■ 232.0320,
-11.8478, 20.1429

■ 122.9150, 41.9469,
-107.7965

■ 234.3800,
-13.0053, 18.0837

■ 236.7280,
-14.1629, 16.0245

Harmonies

Analogous

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



183.4910, 5.1809, -28.4946



184.2010, 11.7329, -29.9943



186.4560, 15.0582, -23.2019

Triad

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



184.2010, 11.7329, -29.9943



192.1470, 3.8715, 18.2881



188.2600, -14.4252, 6.7880

Complementary

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



184.2010, 11.7329, -29.9943



173.7990, -11.7329, 29.9943

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.



190.0380, -14.3157, 18.3837



184.2010, 11.7329, -29.9943



192.2420, -3.5703, 25.2208

Square

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



184.2010, 11.7329, -29.9943



191.4920, 10.6034, 5.7075



190.8200, -10.2643, 25.5909



186.2090, -10.4560, -6.3223

Rectangle

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



184.2010, 11.7329, -29.9943



188.5110, 15.0311, -14.4801



190.8200, -10.2643, 25.5909



188.8800, -14.7308, 11.5062

Sweetspot

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



184.2010, 11.7329, -29.9943



246.6720, 4.1057, -10.2363



185.3000, -11.9799, -30.9581



122.3520, 2.7845, -6.4477



0.0000, 0.0000, 0.0000



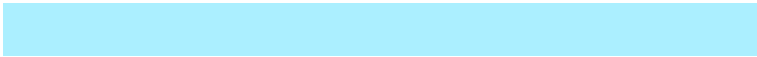
128.0000, 0.0000, 0.0000

Same Dimension

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



184.2010, 11.7329, -29.9943



220.4920, 17.0124, -43.4045



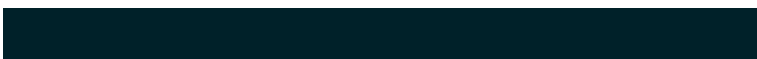
167.1780, 20.1252, -15.0651



100.5370, 2.2003, -5.7329



98.9840, 34.0249, -86.8090



24.0450, 8.3588, -21.0875

Inverse Universe

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



172.7000, 11.9799, 30.9581



203.8680, 17.3201, 44.8428



190.8220, -20.1252, 15.0651



98.3150, 2.3097, 5.8627



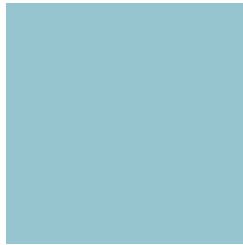
65.7360, 34.6402, 89.6855



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 184.2010, 11.7329, -29.9943 looks on a white background.

Color Contrast Check

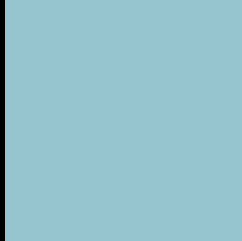
Large Text (above 18pt) WCAG AA × Fail

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 184.2010, 11.7329, -29.9943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

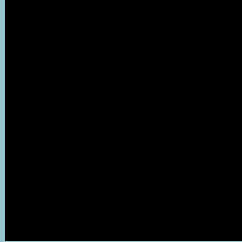
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.2010, 11.7329, -29.9943

Background



This preview shows how black text looks on a background with the YUV color 184.2010, 11.7329, -29.9943.



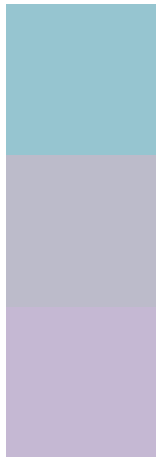
This preview shows how white text looks on a background with the YUV color 184.2010, 11.7329, -29.9943.

-29.9943.

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

184.2010, 11.7329, -29.9943

Protanopia

189.0090, 6.4046, -0.8849

Deuteranopia

190.9650, 9.8773, 5.2927



Tritanopia

184.3690, 13.6221, -29.2646

Trichromacy



Original Color

184.2010, 11.7329, -29.9943

Protanomaly

187.3990, 8.1843, -11.7509

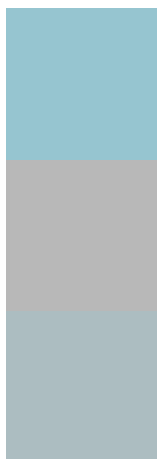
Deuteranomaly

188.7030, 10.4994, -7.6325

Tritanomaly

184.2550, 13.1853, -29.1646

Monochromacy



Original Color

184.2010, 11.7329, -29.9943

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

184.3730, 4.2531, -10.8511

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.2010, 11.7329, -29.9943 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(150, 197, 208)` looks like.

```
.text, #text, p{  
    color:rgb(150, 197, 208)  
}
```

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(150, 197, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 197, 208) }
```

Border

The CSS property to change the border of an element to YUV 184.2010, 11.7329, -29.9943 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(150, 197, 208) }
```


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

```
.border{ border-color:rgb(150, 197, 208) }
```

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

Here you see how a box with a 4 pixel rgb(150, 197, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 197, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 197, 208);  
box-shadow:4px 4px 4px 4px rgb(150, 197,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 184.2010, 11.7329, -29.9943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 197, 208) }
```

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

```
.background{ background-color: rgb(150,  
197, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor