

Converting Colors

YUV(183.2870, 18.0995,
-18.6687)

Have a look what the booklet for
YUV(183.2870, 18.0995, -18.6687)
contains.

YUV(183.2870, 18.0995, -18.6687)	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(183.2870, 18.0995,
-18.6687)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BBDC
RGB	162, 187, 220
RGB Percent	64%, 73%, 86%
CMY	0.3647, 0.2667, 0.1373
CMYK	0.26, 0.15, 0.00, 0.14
HSL	214°, 45%, 75%
HSV	214°, 26%, 86%
XYZ	45.5889, 48.3893, 74.6474
YIQ	183.2870, -25.4930, 4.9630

Conversions

Conversions Part 2

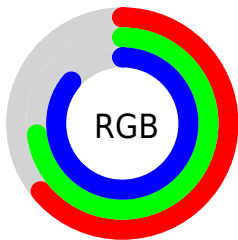
Format	Color
RYB	162, 179, 220
Decimal	10664924
CIELab	75.07, -1.15, -19.34
CIELCh	75, 19.370, 266.590
Yxy	48.3893, 0.2704, 0.2870
Android (android.graphics.Color)	4288855004 (0xFFA2BBDC)
YUV	183.2870, 18.0995, -18.6687
Hunter-Lab	69.5624, -4.7514, -14.9304

Details

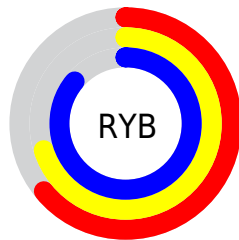
The YUV color **183.2870, 18.0995, -18.6687** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **198.7130, -18.0995, 18.6687**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8930, 8.9268, -16.5692**, and **130.0590, 17.2259, -18.4687** is the 20% darker color. If you saturate the color by 10%, you get **169.0780, 25.1045, -25.5014**, and if you desaturate by 10%, it is **197.4960, 11.0945, -11.8360**.

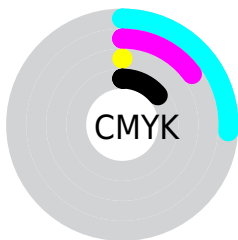
Distribution



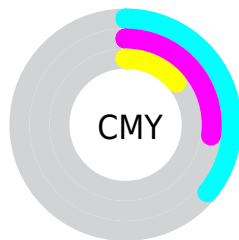
- Red (64%)
- Green (73%)
- Blue (86%)



- Red (64%)
- Yellow (70%)
- Blue (86%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)



- Cyan (36%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.2870, 18.0995, -18.6687 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 183.2870, 18.0995, -18.6687 by changing the saturation by 10% instead.

■ 183.2870, 18.0995,
-18.6687

■ 183.2870, 18.0995,
-18.6687

255.0000, 0.0000,
0.0000

■ 156.1730, 17.6627,
-18.5687

■ 236.8930, 8.9268,
-16.5692

■ 130.0590, 17.2259,
-18.4687

■ 252.6080, 1.1793,
-4.9182

■ 104.9450, 16.7891,
-18.3688

■ 79.8310, 16.3523,
-18.2688

■ 56.0050, 15.7735,
-19.2984

■ 32.6840, 15.9318,
-23.4019

■ 16.0550, 13.2839,

-14.0802

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 183.2870, 18.0995,
-18.6687

■ 183.2870, 18.0995,
-18.6687

■ 169.0780, 25.1045,
-25.5014

■ 197.4960, 11.0945,
-11.8360

■ 155.4560, 31.8202,
-32.8489

■ 211.1180, 4.3788,
-4.4885

■ 141.2470, 38.8252,
-39.6816

■ 225.3270, -2.6262,
2.3442

■ 127.6250, 45.5409,
-47.0291

■ 238.9490, -9.3419,
9.6917

■ 113.4160, 52.5459,
-53.8618

■ 248.0750,
-13.8410, 6.0732

■ 99.7940, 59.2616,
-61.2093

■ 251.0100,
-15.2879, 3.4992

■ 85.5850, 66.2666,
-68.0420

■ 80.8450, 68.6034,
-70.9011

Harmonies

Analogous

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



179.8570, 16.8325, -32.3236



183.2870, 18.0995, -18.6687



186.3000, 15.1351, -1.1401

Triad

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



183.2870, 18.0995, -18.6687



187.3090, -8.5333, 30.4240



180.2400, -7.5133, -16.8735

Complementary

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



183.2870, 18.0995, -18.6687



198.7130, -18.0995, 18.6687

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.



182.8030, -14.6929, -0.7042



183.2870, 18.0995, -18.6687



185.9680, -14.7742, 25.4611

Square

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



183.2870, 18.0995, -18.6687



188.4640, -0.2288, 26.7801



184.5060, -17.5045, 14.4652



178.2690, 1.8394, -30.0539

Rectangle

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



183.2870, 18.0995, -18.6687



187.5250, 10.5872, 10.9406



184.5060, -17.5045, 14.4652



181.1760, -10.4398, -11.5554

Sweetspot

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



183.2870, 18.0995, -18.6687



241.9760, 6.4208, -6.1180



199.8080, -2.3703, -33.1576



119.4170, 4.2314, -3.8737



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.



183.2870, 18.0995, -18.6687



203.4800, 25.3994, -26.7310



169.8080, 24.7447, -3.3396



102.6020, 3.6472, -3.1590



63.7470, 53.8617, -55.9061



16.9840, 14.3049, -14.8950

Inverse Universe

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



182.1920, 2.3703, 33.1576



201.6220, 3.6374, 46.8125



212.1920, -24.7447, 3.3396



102.7450, 0.1257, 6.3626



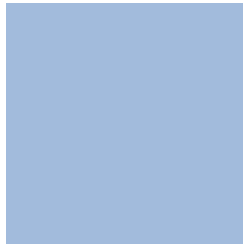
60.2770, 7.2584, 98.8581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 183.2870, 18.0995, -18.6687 looks on a white background.

Color Contrast Check

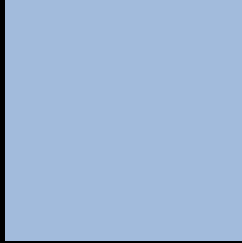
Large Text (above 18pt) WCAG AA × Fail

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 183.2870, 18.0995, -18.6687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

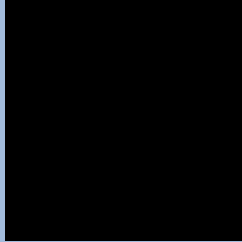
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

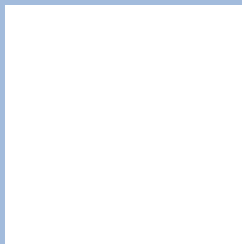
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 183.2870, 18.0995, -18.6687

Background



This preview shows how black text looks on a background with the YUV color 183.2870, 18.0995, -18.6687.



This preview shows how white text looks on a background with the YUV color 183.2870, 18.0995, -18.6687.

-18.6687.

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

183.2870, 18.0995, -18.6687

Protanopia

185.3810, 15.5882, -6.4731

Deuteranopia

185.8700, 17.3191, -1.6400



Tritanopia

182.4410, 11.1216, -20.5578

Trichromacy



Original Color

183.2870, 18.0995, -18.6687

Protanomaly

184.2880, 16.6200, -10.7766

Deuteranomaly

185.2390, 17.6302, -8.1026

Tritanomaly

182.7230, 13.4476, -19.9281

Monochromacy



Original Color

183.2870, 18.0995, -18.6687

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

182.6770, 6.5682, -6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.2870, 18.0995, -18.6687 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(162, 187, 220)` looks like.

```
.text, #text, p{  
    color:rgb(162, 187, 220)  
}
```

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(162, 187, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 187, 220) }
```

Border

The CSS property to change the border of an element to YUV 183.2870, 18.0995, -18.6687 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(162, 187, 220) }
```


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

```
.border{ border-color:rgb(162, 187, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 187, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 187, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 187, 220);  
box-shadow:4px 4px 4px 4px rgb(162, 187,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 183.2870, 18.0995, -18.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 187, 220) }
```

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

```
.background{ background-color: rgb(162,  
187, 220) }
```

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