

Converting Colors

YUV(171.1330, 4.8644,
-20.2876)

Have a look what the booklet for
YUV(171.1330, 4.8644, -20.2876)
contains.

YUV(171.1330, 4.8644, -20.2876)	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(171.1330, 4.8644,
-20.2876)**

Conversions

Conversions Part 1

Format	Color
Hex	94B5B5
RGB	148, 181, 181
RGB Percent	58%, 71%, 71%
CMY	0.4196, 0.2902, 0.2902
CMYK	0.18, 0.00, 0.00, 0.29
HSL	180°, 18%, 65%
HSV	180°, 18%, 71%
XYZ	37.0771, 42.6798, 49.9999
YIQ	171.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

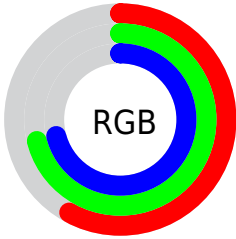
Format	Color
R_YB	148, 165, 181
Decimal	9745845
CIE _{Lab}	71.34, -11.12, -3.72
CIE _{LCh}	71, 11.723, 198.496
Yxy	42.6798, 0.2857, 0.3289
Android (android.graphics.Color)	4287935925 (0xFF94B5B5)
YUV	171.1330, 4.8644, -20.2876
Hunter-Lab	65.3298, -13.0218, 0.3535

Details

The YUV color **171.1330, 4.8644, -20.2876** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **157.8670, -4.8644, 20.2876**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8340, 5.0118, -20.9024**, and **118.7310, 4.5696, -19.0581** is the 20% darker color. If you saturate the color by 10%, you get **165.7510, 7.5178, -31.3536**, and if you desaturate by 10%, it is **176.5150, 2.2111, -9.2217**.

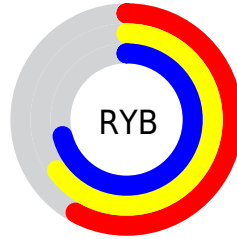
Distribution



Red (58%)

Green (71%)

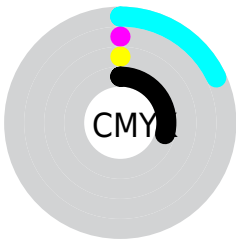
Blue (71%)



Red (58%)

Yellow (65%)

Blue (71%)

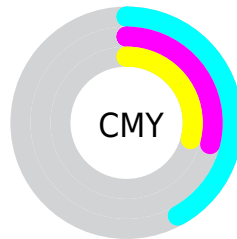


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1330, 4.8644, -20.2876 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 171.1330, 4.8644, -20.2876 by changing the saturation by 10% instead.

■ 171.1330, 4.8644,
-20.2876

■ 171.1330, 4.8644,
-20.2876

255.0000, 0.0000,
0.0000

■ 144.4320, 4.7170,
-19.6729

■ 226.8340, 5.0118,
-20.9024

■ 118.7310, 4.5696,
-19.0581

■ 247.8240, 3.5378,
-14.7546

■ 93.7310, 4.5696,
-19.0581

■ 70.0300, 4.4222,
-18.4433

■ 47.0300, 4.4222,
-18.4433

■ 24.8450, 5.0064,
-19.1581

■ 7.3520, 2.7845,

-6.4477

■ 0.0000, 0.0000,
0.0000

■ 171.1330, 4.8644,
-20.2876

■ 171.1330, 4.8644,
-20.2876

■ 165.7510, 7.5178,
-31.3536

■ 176.5150, 2.2111,
-9.2217

■ 160.3690, 10.1711,
-42.4196

■ 181.8970, -0.4422,
1.8443

■ 154.9870, 12.8244,
-53.4856

■ 187.2790, -3.0955,
12.9103

■ 149.6050, 15.4777,
-64.5516

■ 192.6610, -5.7489,
23.9763

■ 144.2230, 18.1311,
-75.6176

■ 198.3420, -8.5496,
35.6571

■ 138.5420, 20.9318,
-87.2983

■ 203.1260,
-10.9081, 45.4935

■ 133.1600, 23.5851,
-98.3643

■ 127.7780, 26.2384,
-109.4303

■ 126.8810, 26.6807,
-111.2746

Harmonies

Analogous

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



171.3740, -0.6774, -16.1140



171.1330, 4.8644, -20.2876



172.1700, 8.7902, -19.4431

Triad

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



171.1330, 4.8644, -20.2876



176.6510, 6.0881, 7.3221



175.3190, -10.5103, 11.1212

Complementary

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



171.1330, 4.8644, -20.2876



157.8670, -4.8644, 20.2876

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.



175.6340, -8.2006, 16.9840



171.1330, 4.8644, -20.2876



177.0280, 0.9722, 14.8844

Square

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



171.1330, 4.8644, -20.2876



175.2090, 9.7570, -2.8143



176.9700, -4.4222, 18.4433



173.4920, -9.6096, 2.1995

Rectangle

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



171.1330, 4.8644, -20.2876



172.9470, 10.3791, -15.7395



176.9700, -4.4222, 18.4433



175.1560, -9.9369, 13.8952

Sweetspot

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



171.1330, 4.8644, -20.2876



231.4120, 1.7689, -7.3773



167.3710, -9.5499, -16.9884



114.9070, 1.0318, -4.3034



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



171.1330, 4.8644, -20.2876



219.4520, 7.6652, -31.9684



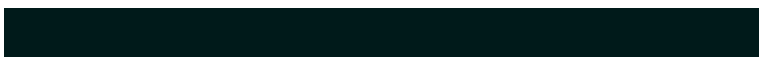
161.7410, 9.4947, -12.0509



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Inverse Universe

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



161.6290, 9.5499, 16.9884



204.4760, 15.0483, 26.7695



167.8460, -9.7841, 11.5361



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 171.1330, 4.8644, -20.2876 looks on a white background.

Color Contrast Check

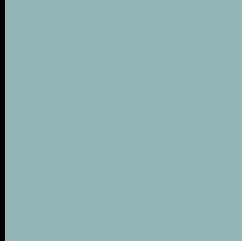
Large Text (above 18pt) WCAG AA × Fail

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 171.1330, 4.8644, -20.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

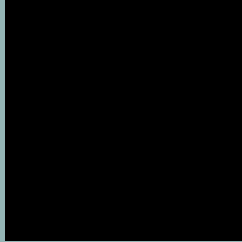
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.1330, 4.8644, -20.2876

Background



This preview shows how black text looks on a background with the YUV color 171.1330, 4.8644, -20.2876.

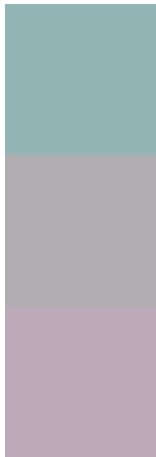


This preview shows how white text looks on a background with the YUV color 171.1330, 4.8644,

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

171.1330, 4.8644, -20.2876

Protanopia

174.6520, 1.1576, 2.0592

Deuteranopia

175.9780, 3.4618, 9.6663



Tritanopia

171.9250, 10.3900, -19.2282

Trichromacy



Original Color

171.1330, 4.8644, -20.2876

Protanomaly

173.2380, 2.3477, -6.3477

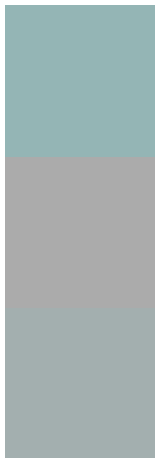
Deuteranomaly

174.0260, 3.9312, -0.8998

Tritanomaly

171.7570, 8.5008, -19.9579

Monochromacy



Original Color

171.1330, 4.8644, -20.2876

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.4120, 1.7689, -7.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1330, 4.8644, -20.2876 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(148, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(148, 181, 181)  
}
```

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(148, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 181, 181) }
```

Border

The CSS property to change the border of an element to YUV 171.1330, 4.8644, -20.2876 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(148, 181, 181) }
```


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

```
.border{ border-color:rgb(148, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(148, 181,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 171.1330, 4.8644, -20.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 181, 181) }
```

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

```
.background{ background-color: rgb(148,  
181, 181) }
```

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