

Converting Colors

YUV(171.0300, 4.4222,
-18.4433)

Have a look what the booklet for
YUV(171.0300, 4.4222, -18.4433)
contains.

YUV(171.0300, 4.4222, -18.4433)	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(171.0300, 4.4222,
-18.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	96B4B4
RGB	150, 180, 180
RGB Percent	59%, 71%, 71%
CMY	0.4118, 0.2941, 0.2941
CMYK	0.17, 0.00, 0.00, 0.29
HSL	180°, 17%, 65%
HSV	180°, 17%, 71%
XYZ	37.1372, 42.4218, 49.4109
YIQ	171.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

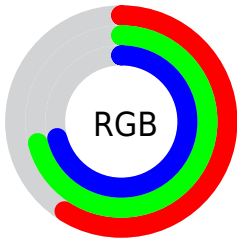
Format	Color
R_{YB}	150, 165, 180
Decimal	9876660
CIE _{Lab}	71.16, -10.16, -3.41
CIE _{LCh}	71, 10.718, 198.577
Yxy	42.4218, 0.2880, 0.3289
Android (android.graphics.Color)	4288066740 (0xFF96B4B4)
YUV	171.0300, 4.4222, -18.4433
Hunter-Lab	65.1320, -12.2035, 0.6135

Details

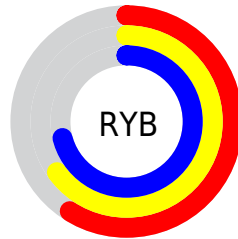
The YUV color $171.0300, 4.4222, -18.4433$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $158.9700, -4.4222, 18.4433$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.7310, 4.5696, -19.0581$, and $118.6280, 4.1274, -17.2138$ is the 20% darker color. If you saturate the color by 10%, you get $165.6480, 7.0755, -29.5093$, and if you desaturate by 10%, it is $176.4120, 1.7689, -7.3773$.

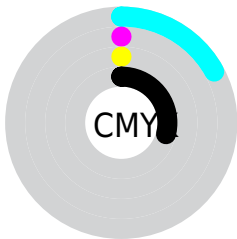
Distribution



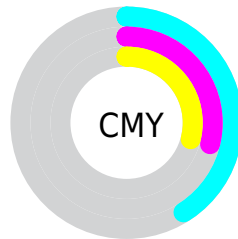
- Red (59%)
- Green (71%)
- Blue (71%)



- Red (59%)
- Yellow (65%)
- Blue (71%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (41%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.0300, 4.4222, -18.4433 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 171.0300, 4.4222, -18.4433 by changing the saturation by 10% instead.

■ 171.0300, 4.4222,
-18.4433

■ 171.0300, 4.4222,
-18.4433

255.0000, 0.0000,
0.0000

■ 144.3290, 4.2748,
-17.8285

■ 226.7310, 4.5696,
-19.0581

■ 118.6280, 4.1274,
-17.2138

■ 248.4220, 3.2430,
-13.5251

■ 93.6280, 4.1274,
-17.2138

■ 69.9270, 3.9800,
-16.5990

■ 47.0410, 4.4168,
-16.6990

■ 25.6280, 4.1274,
-17.2138

■ 6.0640, 2.9264,

-5.3181

■ 0.0000, 0.0000,
0.0000

■ 171.0300, 4.4222,
-18.4433

■ 171.0300, 4.4222,
-18.4433

■ 165.6480, 7.0755,
-29.5093

■ 176.4120, 1.7689,
-7.3773

■ 160.2660, 9.7289,
-40.5753

■ 181.7940, -0.8844,
3.6887

■ 154.8840, 12.3822,
-51.6413

■ 187.1760, -3.5378,
14.7546

■ 149.5020, 15.0355,
-62.7073

■ 192.5580, -6.1911,
25.8206

■ 144.1200, 17.6888,
-73.7732

■ 197.9400, -8.8444,
36.8866

■ 138.7380, 20.3422,
-84.8392

■ 202.4250,
-11.0555, 46.1083

■ 133.3560, 22.9955,
-95.9052

■ 127.9740, 25.6488,
-106.9712

■ 126.1800, 26.5333,
-110.6599

Harmonies

Analogous

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



171.3850, -0.6828, -14.3696



171.0300, 4.4222, -18.4433



171.9530, 7.9112, -17.4988

Triad

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



171.0300, 4.4222, -18.4433



175.8250, 5.5093, 6.2925



174.2480, -9.4893, 10.3065

Complementary

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



171.0300, 4.4222, -18.4433



158.9700, -4.4222, 18.4433

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.



175.1500, -7.4690, 15.6544



171.0300, 4.4222, -18.4433



176.3160, 0.8302, 13.7549

Square

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



171.0300, 4.4222, -18.4433



174.9810, 8.8834, -2.6143



176.0730, -3.9800, 16.5990



173.1330, -8.4466, 2.5144

Rectangle

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



171.0300, 4.4222, -18.4433



172.7300, 9.5001, -13.7952



176.0730, -3.9800, 16.5990



174.6720, -9.2053, 12.5657

Sweetspot

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



171.0300, 4.4222, -18.4433



231.4120, 1.7689, -7.3773



167.6100, -8.6817, -15.4440



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.



171.0300, 4.4222, -18.4433



220.9470, 6.9281, -28.8945



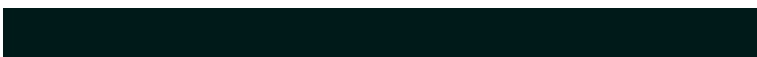
162.2250, 8.7631, -10.7213



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.



162.3900, 8.6817, 15.4440



207.4110, 13.6014, 24.1956



167.7750, -8.7631, 10.7213



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 171.0300, 4.4222, -18.4433 looks on a white background.

Color Contrast Check

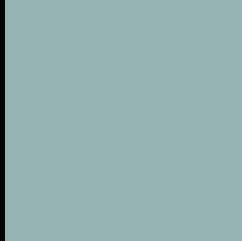
Large Text (above 18pt) WCAG AA × Fail

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 171.0300, 4.4222, -18.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

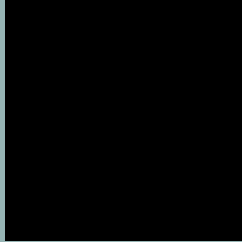
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.0300, 4.4222, -18.4433

Background



This preview shows how black text looks on a background with the YUV color 171.0300, 4.4222, -18.4433.



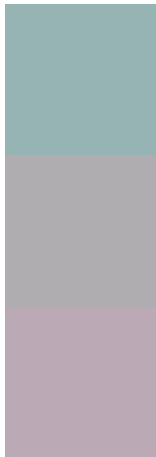
This preview shows how white text looks on a background with the YUV color 171.0300, 4.4222, -18.4433.

-18.4433.

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

171.0300, 4.4222, -18.4433

Protanopia

174.2390, 0.8682, 1.5444

Deuteranopia

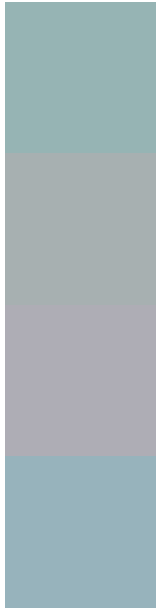
175.8640, 3.0250, 9.7663



Tritanopia

171.8220, 9.9478, -17.3839

Trichromacy



Original Color

171.0300, 4.4222, -18.4433

Protanomaly

173.4230, 1.7635, -5.6330

Deuteranomaly

174.2110, 3.3470, -0.1850

Tritanomaly

171.6540, 8.0586, -18.1136

Monochromacy



Original Color

171.0300, 4.4222, -18.4433

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7110, 1.6215, -6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.0300, 4.4222, -18.4433 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, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(150, 180, 180)  
}
```

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, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 180, 180) }
```

Border

The CSS property to change the border of an element to YUV 171.0300, 4.4222, -18.4433 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, 180, 180) }
```


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

```
.border{ border-color:rgb(150, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(150, 180,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 171.0300, 4.4222, -18.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 180, 180) }
```

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

```
.background{ background-color: rgb(150,  
180, 180) }
```

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