

Converting Colors

YUV(172.3030, 0.3436,
-16.9287)

Have a look what the booklet for
YUV(172.3030, 0.3436, -16.9287)
contains.

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Color

**YUV(172.3030, 0.3436,
-16.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	99B6AD
RGB	153, 182, 173
RGB Percent	60%, 71%, 68%
CMY	0.4000, 0.2863, 0.3216
CMYK	0.16, 0.00, 0.05, 0.29
HSL	161°, 17%, 66%
HSV	161°, 16%, 71%
XYZ	37.4076, 43.2453, 45.9108
YIQ	172.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

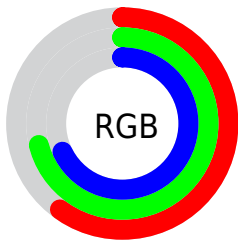
Format	Color
RYB	153, 170, 182
Decimal	10073773
CIELab	71.72, -11.69, 1.27
CIELCh	72, 11.759, 173.801
Yxy	43.2453, 0.2956, 0.3417
Android (android.graphics.Color)	4288263853 (0xFF99B6AD)
YUV	172.3030, 0.3436, -16.9287
Hunter-Lab	65.7612, -13.5440, 4.6399

Details

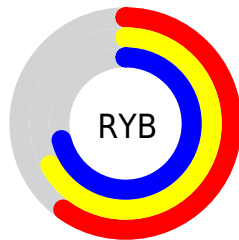
The YUV color $172.3030, 0.3436, -16.9287$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $162.6970, -0.3436, 16.9287$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.8900, 0.0542, -17.4435$, and $120.0150, 0.4856, -15.7992$ is the 20% darker color. If you saturate the color by 10%, you get $166.2370, 0.3762, -27.3948$, and if you desaturate by 10%, it is $178.3690, 0.3111, -6.4626$.

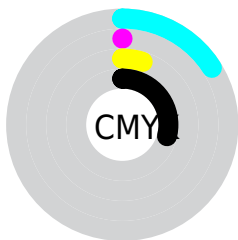
Distribution



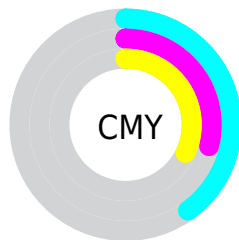
- Red (60%)
- Green (71%)
- Blue (68%)



- Red (60%)
- Yellow (67%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)



- Cyan (40%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3030, 0.3436, -16.9287 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 172.3030, 0.3436, -16.9287 by changing the saturation by 10% instead.

■ 172.3030, 0.3436,
-16.9287

■ 172.3030, 0.3436,
-16.9287

255.0000, 0.0000,
0.0000

■ 145.6020, 0.1962,
-16.3140

■ 227.8900, 0.0542,
-17.4435

■ 120.0150, 0.4856,
-15.7992

■ 249.3190, 2.8007,
-11.6808

■ 95.0150, 0.4856,
-15.7992

■ 71.3140, 0.3382,
-15.1844

■ 48.7270, 0.6276,
-14.6696

■ 26.8410, 1.0644,
-14.7696

■ 7.3860, -2.1623,

-6.4775

■ 0.0000, 0.0000,
0.0000

■ 172.3030, 0.3436,
-16.9287

■ 172.3030, 0.3436,
-16.9287

■ 166.2370, 0.3762,
-27.3948

■ 178.3690, 0.3111,
-6.4626

■ 160.2850, 0.8455,
-37.9609

■ 184.3210, -0.1583,
4.1035

■ 153.9200, 1.0254,
-49.0418

■ 190.6860, -0.3382,
15.1844

■ 147.8540, 1.0580,
-59.5080

■ 196.7520, -0.3707,
25.6505

■ 141.9020, 1.5273,
-70.0741

■ 202.7040, -0.8401,
36.2166

■ 135.8360, 1.5599,
-80.5402

■ 206.6770, 0.1592,
42.3793

■ 129.7700, 1.5924,
-91.0063

■ 207.3610, 2.7800,
41.7794

■ 123.5190, 2.2091,
-102.1872

■ 207.9310, 4.9640,
41.2795

■ 121.1980, 2.3674,
-106.2906

■ 208.6150, 7.5848,
40.6796

Harmonies

Analogous

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



172.9790, -4.9196, -8.7516



172.3030, 0.3436, -16.9287



172.3610, 5.7380, -20.4876

Triad

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



172.3030, 0.3436, -16.9287



176.6930, 9.0254, -1.4848



176.8080, -8.7793, 15.9544

Complementary

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



172.3030, 0.3436, -16.9287



162.6970, -0.3436, 16.9287

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.



177.8560, -4.8590, 18.5433



172.3030, 0.3436, -16.9287



177.5480, 5.6458, 9.1664

Square

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



172.3030, 0.3436, -16.9287



174.7950, 10.9471, -11.2212



178.0990, -0.0488, 15.6992



175.7210, -10.2155, 9.8917

Rectangle

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



172.3030, 0.3436, -16.9287



172.7570, 8.5008, -19.9579



178.0990, -0.0488, 15.6992



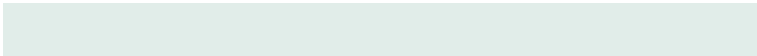
177.0470, -7.9112, 17.4988

Sweetspot

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



172.3030, 0.3436, -16.9287



232.9560, 0.0217, -6.9774



172.7140, -9.7190, -9.3962



117.6790, 0.1583, -4.1035



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



172.3030, 0.3436, -16.9287



221.9490, 0.5181, -26.2653



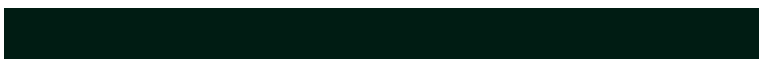
170.3940, 5.7218, -15.2545



88.9670, 0.0163, -5.2331



103.7700, 1.5924, -91.0063



18.6020, 0.1962, -16.3140

Inverse Universe

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



162.6970, -0.3436, 16.9287



207.0510, -0.5181, 26.2653



164.6060, -5.7218, 15.2545



85.9190, -0.4531, 5.3330



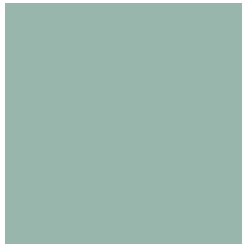
52.1160, -2.0292, 91.1063



9.3980, -0.1962, 16.3140

Previews

White Background



This preview shows how the YUV color 172.3030, 0.3436, -16.9287 looks on a white background.

Color Contrast Check

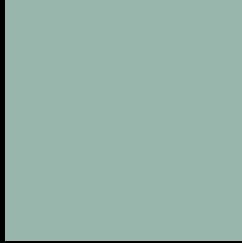
Large Text (above 18pt) WCAG AA × Fail

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 172.3030, 0.3436, -16.9287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

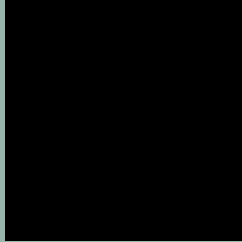
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

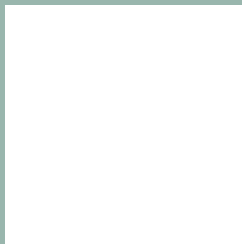
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.3030, 0.3436, -16.9287

Background



This preview shows how black text looks on a background with the YUV color 172.3030, 0.3436, -16.9287.



This preview shows how white text looks on a background with the YUV color 172.3030, 0.3436, -16.9287.

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

172.3030, 0.3436, -16.9287

Protanopia

175.8110, -3.3578, 3.6738

Deuteranopia

177.1480, -1.0590, 13.0252



Tritanopia

174.0180, 9.3581, -14.9248

Trichromacy



Original Color

172.3030, 0.3436, -16.9287

Protanomaly

174.6960, -2.3151, -4.1184

Deuteranomaly

175.1960, -0.5896, 2.4591

Tritanomaly

173.5080, 6.1586, -15.3545

Monochromacy



Original Color

172.3030, 0.3436, -16.9287

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2550, -0.1257, -6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3030, 0.3436, -16.9287 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(153, 182, 173)` looks like.

```
.text, #text, p{  
    color:rgb(153, 182, 173)  
}
```

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(153, 182, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 182, 173) }
```

Border

The CSS property to change the border of an element to YUV 172.3030, 0.3436, -16.9287 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(153, 182, 173) }
```


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

```
.border{ border-color:rgb(153, 182, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 182, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(153, 182,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 172.3030, 0.3436, -16.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 182, 173) }
```

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

```
.background{ background-color: rgb(153,  
182, 173) }
```

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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