

Converting Colors

YUV(171.5650, 16.4835,
-13.6505)

Have a look what the booklet for
YUV(171.5650, 16.4835, -13.6505)
contains.

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Color

**YUV(171.5650, 16.4835,
-13.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	9CADCD
RGB	156, 173, 205
RGB Percent	61%, 68%, 80%
CMY	0.3882, 0.3216, 0.1961
CMYK	0.24, 0.16, 0.00, 0.20
HSL	219°, 33%, 71%
HSV	219°, 24%, 80%
XYZ	39.6733, 41.3628, 63.6504
YIQ	171.5650, -20.4040, 6.3480

Conversions

Conversions Part 2

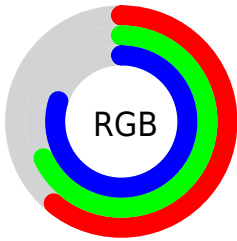
Format	Color
R _{YB}	156, 169, 205
Decimal	10268109
CIE _{Lab}	70.43, 1.13, -18.21
CIE _{LCh}	70, 18.247, 273.554
Yxy	41.3628, 0.2742, 0.2859
Android (android.graphics.Color)	4288458189 (0xFF9CADCD)
YUV	171.5650, 16.4835, -13.6505
Hunter-Lab	64.3139, -2.4382, -13.6585

Details

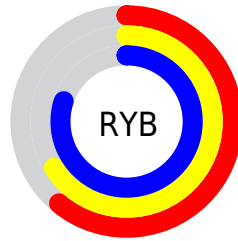
The YUV color $171.5650, 16.4835, -13.6505$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.4350, -16.4835, 13.6505$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.9950, 14.2995, -13.1506$, and $119.3370, 15.6099, -13.4505$ is the 20% darker color. If you saturate the color by 10%, you get $157.9540, 23.1937, -19.2537$, and if you desaturate by 10%, it is $185.4750, 9.6258, -7.4326$.

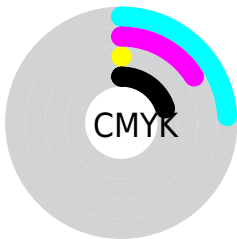
Distribution



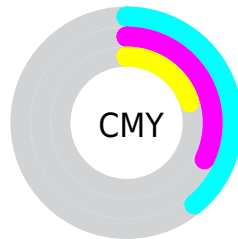
- Red (61%)
- Green (68%)
- Blue (80%)



- Red (61%)
- Yellow (66%)
- Blue (80%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5650, 16.4835, -13.6505 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 171.5650, 16.4835, -13.6505 by changing the saturation by 10% instead.

■ 171.5650, 16.4835,
-13.6505

■ 171.5650, 16.4835,
-13.6505

255.0000, 0.0000,
0.0000

■ 144.7500, 15.8993,
-12.9358

■ 225.9950, 14.2995,
-13.1506

■ 119.3370, 15.6099,
-13.4505

■ 250.5150, 2.2111,
-9.2217

■ 94.2230, 15.1731,
-13.3506

■ 70.1090, 14.7363,
-13.2506

■ 47.2830, 14.1575,
-14.2802

■ 24.8590, 13.8735,
-16.5393

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 171.5650, 16.4835,
-13.6505

■ 171.5650, 16.4835,
-13.6505

■ 157.9540, 23.1937,
-19.2537

■ 185.4750, 9.6258,
-7.4326

■ 143.4570, 30.3407,
-24.9568

■ 199.6730, 2.6262,
-2.3442

■ 129.8460, 37.0509,
-30.5599

■ 213.5830, -4.2314,
3.8737

■ 115.3490, 44.1979,
-36.2631

■ 227.7810,
-11.2310, 8.9621

■ 101.7380, 50.9082,
-41.8662

■ 240.4950,
-17.4990, 12.7209

■ 87.8280, 57.7658,
-48.0842

■ 248.1260,
-21.2611, 6.0285

■ 73.3310, 64.9128,
-53.7873

■ 249.3000,
-21.8399, 4.9989

■ 65.0470, 68.9968,
-57.0462

Harmonies

Analogous

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



168.3630, 16.0900, -27.5054



171.5650, 16.4835, -13.6505



174.0510, 12.7929, 3.4633

Triad

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



171.5650, 16.4835, -13.6505



174.3580, -9.5435, 27.7500



167.2120, -5.0345, -18.6029

Complementary

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



171.5650, 16.4835, -13.6505



189.4350, -16.4835, 13.6505

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.



169.6500, -12.6455, -4.0781



171.5650, 16.4835, -13.6505



172.9460, -14.7634, 21.9724

Square

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



171.5650, 16.4835, -13.6505



175.5950, -2.2653, 26.6652



171.5270, -16.0358, 10.0618



166.1380, 3.8760, -29.9390

Rectangle

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



171.5650, 16.4835, -13.6505



174.9660, 8.3978, 13.1848



171.5270, -16.0358, 10.0618



167.8490, -7.8136, -13.8996

Sweetspot

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



171.5650, 16.4835, -13.6505



242.5740, 6.1260, -4.8884



188.4110, -0.2026, -28.4244



120.6020, 3.6472, -3.1590



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.



171.5650, 16.4835, -13.6505



204.6980, 24.7989, -20.7831



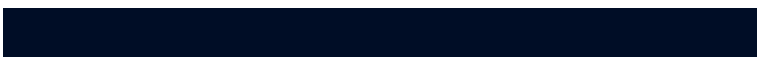
163.6790, 20.3713, -0.5955



94.9010, 3.4998, -2.5442



52.9700, 55.7238, -46.4547



11.9630, 12.8362, -10.4916

Inverse Universe

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



172.5890, 0.2026, 28.4244



206.0900, 0.4486, 42.8941



197.3210, -20.3713, 0.5955



95.3320, -0.1637, 5.8478



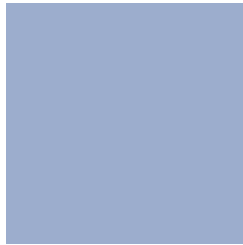
56.2460, 0.8647, 96.2543



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 171.5650, 16.4835, -13.6505 looks on a white background.

Color Contrast Check

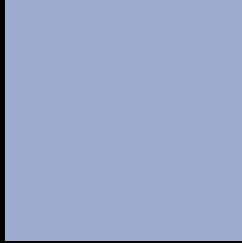
Large Text (above 18pt) WCAG AA × Fail

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 171.5650, 16.4835, -13.6505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

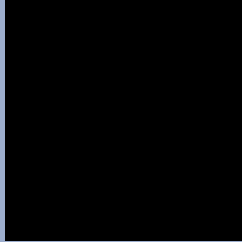
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.5650, 16.4835, -13.6505

Background



This preview shows how black text looks on a background with the YUV color 171.5650, 16.4835, -13.6505.



This preview shows how white text looks on a background with the YUV color 171.5650, 16.4835, -13.6505.

-13.6505.

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

171.5650, 16.4835, -13.6505

Protanopia

172.2670, 15.1514, -6.3732

Deuteranopia

173.5280, 16.0087, -1.3401



Tritanopia

170.7190, 9.5055, -15.5396

Trichromacy



Original Color

171.5650, 16.4835, -13.6505

Protanomaly

172.0710, 15.7410, -8.8323

Deuteranomaly

172.9080, 16.3144, -6.0583

Tritanomaly

171.0010, 11.8315, -14.9099

Monochromacy



Original Color

171.5650, 16.4835, -13.6505

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.5740, 6.1260, -4.8884

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5650, 16.4835, -13.6505 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(156, 173, 205)` looks like.

```
.text, #text, p{  
    color:rgb(156, 173, 205)  
}
```

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(156, 173, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 173, 205) }
```

Border

The CSS property to change the border of an element to YUV 171.5650, 16.4835, -13.6505 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(156, 173, 205) }
```


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

```
.border{ border-color:rgb(156, 173, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 173, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 173, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 173, 205);  
box-shadow:4px 4px 4px 4px rgb(156, 173,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 171.5650, 16.4835, -13.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 173, 205) }
```

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

```
.background{ background-color: rgb(156,  
173, 205) }
```

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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