

Converting Colors

YUV(164.3530, 18.0670,
-8.2026)

Have a look what the booklet for
YUV(164.3530, 18.0670, -8.2026)
contains.

YUV(164.3530, 18.0670, -8.2026)	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(164.3530, 18.0670,
-8.2026)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA2C9
RGB	155, 162, 201
RGB Percent	61%, 64%, 79%
CMY	0.3922, 0.3647, 0.2118
CMYK	0.23, 0.19, 0.00, 0.21
HSL	231°, 30%, 70%
HSV	231°, 23%, 79%
XYZ	36.9805, 37.0263, 60.4560
YIQ	164.3530, -16.6910, 10.6450

Conversions

Conversions Part 2

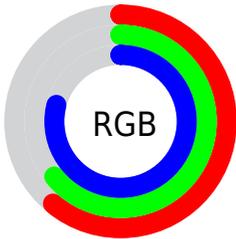
Format	Color
RYB	155, 161, 201
Decimal	10199753
CIELab	67.30, 5.98, -20.77
CIElCh	67, 21.612, 286.066
Yxy	37.0263, 0.2750, 0.2754
Android (android.graphics.Color)	4288389833 (0xFF9BA2C9)
YUV	164.3530, 18.0670, -8.2026
Hunter-Lab	60.8492, 1.9955, -16.3125

Details

The YUV color **164.3530, 18.0670, -8.2026** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **191.6470, -18.0670, 8.2026**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.2390, 17.6302, -8.1026**, and **112.7120, 16.9040, -8.5174** is the 20% darker color. If you saturate the color by 10%, you get **148.3940, 25.9348, -11.7465**, and if you desaturate by 10%, it is **180.3120, 10.1992, -4.6586**.

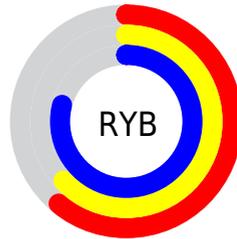
Distribution



Red (61%)

Green (64%)

Blue (79%)



Red (61%)

Yellow (63%)

Blue (79%)

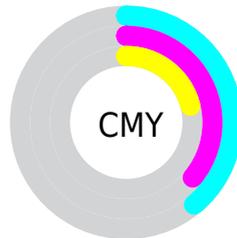


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3530, 18.0670, -8.2026 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 164.3530, 18.0670, -8.2026 by changing the saturation by 10% instead.

■ 164.3530, 18.0670,
-8.2026

■ 164.3530, 18.0670,
-8.2026

255.0000, 0.0000,
0.0000

■ 138.2390, 17.6302,
-8.1026

■ 219.2390, 17.6302,
-8.1026

■ 112.7120, 16.9040,
-8.5174

■ 244.3460, 5.2524,
-4.6884

■ 87.5980, 16.4672,
-8.4174

■ 64.0710, 15.7410,
-8.8323

■ 41.5440, 15.0148,
-9.2471

■ 19.8210, 14.8782,
-12.1210

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 164.3530, 18.0670,
-8.2026

■ 164.3530, 18.0670,
-8.2026

■ 148.3940, 25.9348,
-11.7465

■ 180.3120, 10.1992,
-4.6586

■ 132.4350, 33.8025,
-15.2905

■ 196.2710, 2.3314,
-1.1147

■ 116.4760, 41.6703,
-18.8345

■ 212.2300, -5.5364,
2.4293

■ 100.5170, 49.5381,
-22.3784

■ 228.1890,
-13.4042, 5.9732

■ 84.2590, 57.5533,
-26.5371

■ 244.1480,
-21.2720, 9.5172

■ 68.3000, 65.4211,
-30.0811

■ 248.8440,
-23.5871, 5.3988

■ 52.3410, 73.2889,
-33.6251

■ 41.1110, 78.8253,
-36.0543

Harmonies

Analogous

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



160.1010, 20.1632, -27.2756



164.3530, 18.0670, -8.2026



166.5790, 12.0396, 11.7702

Triad

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



164.3530, 18.0670, -8.2026



165.8160, -14.2063, 29.9794



156.7700, -1.3656, -28.7393

Complementary

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



164.3530, 18.0670, -8.2026



191.6470, -18.0670, 8.2026

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.



159.2360, -11.4553, -12.4850



164.3530, 18.0670, -8.2026



163.6100, -18.5417, 20.5130

Square

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



164.3530, 18.0670, -8.2026



166.6020, -6.2128, 32.7980



162.0380, -17.7667, 5.2287



155.4510, 9.1447, -39.8605

Rectangle

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



164.3530, 18.0670, -8.2026



167.1520, 6.3341, 21.7917



162.0380, -17.7667, 5.2287



158.0650, -5.4550, -23.7360

Sweetspot

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



164.3530, 18.0670, -8.2026



240.8130, 6.9942, -3.3440



186.3340, 3.2863, -27.4799



119.4280, 4.2260, -2.1294



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.



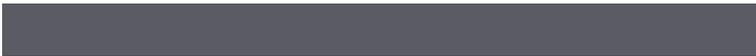
164.3530, 18.0670, -8.2026



200.3230, 26.9558, -12.5613



164.7290, 17.8816, 4.6227



91.6130, 3.6418, -1.4146



33.2570, 63.9633, -29.1664



7.0390, 14.2778, -6.1732

Inverse Universe

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



169.5520, -3.7231, 27.5799



207.8850, -5.3663, 41.3199



191.2710, -17.8816, -4.6227



92.8050, -0.8899, 5.4330



51.5870, -13.1074, 97.7092



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 164.3530, 18.0670, -8.2026 looks on a white background.

Color Contrast Check

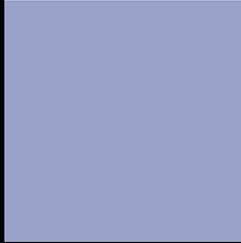
Large Text (above 18pt) WCAG AA × Fail

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 164.3530, 18.0670, -8.2026 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

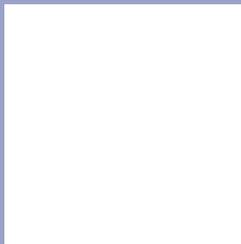
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.3530, 18.0670, -8.2026

Background



This preview shows how black text looks on a background with the YUV color 164.3530, 18.0670, -8.2026.



This preview shows how white text looks on a background with the YUV color 164.3530, 18.0670, -8.2026.

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

164.3530, 18.0670, -8.2026

Protanopia

164.3530, 18.0670, -8.2026

Deuteranopia

164.9730, 17.7613, -3.4843



Tritanopia

162.9970, 7.8895, -10.5214

Trichromacy



Original Color

164.3530, 18.0670, -8.2026

Protanomaly

164.3530, 18.0670, -8.2026

Deuteranomaly

164.9620, 17.7667, -5.2287

Tritanomaly

163.6210, 11.5258, -10.1916

Monochromacy



Original Color

164.3530, 18.0670, -8.2026

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3530, 18.0670, -8.2026 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(155, 162, 201)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 201)  
}
```

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(155, 162, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 201) }
```

Border

The CSS property to change the border of an element to YUV 164.3530, 18.0670, -8.2026 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(155, 162, 201) }
```

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

```
.border{ border-color:rgb(155, 162, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 162, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 162, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 162, 201);  
box-shadow:4px 4px 4px 4px rgb(155, 162,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 164.3530, 18.0670, -8.2026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 162, 201) }
```

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

```
.background{ background-color: rgb(155,  
162, 201) }
```

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