

Converting Colors

YUV(166.9170, -0.9451,
-23.6062)

Have a look what the booklet for
YUV(166.9170, -0.9451, -23.6062)
contains.

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Color

**YUV(166.9170, -0.9451,
-23.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB5A5
RGB	140, 181, 165
RGB Percent	55%, 71%, 65%
CMY	0.4510, 0.2902, 0.3529
CMYK	0.23, 0.00, 0.09, 0.29
HSL	157°, 22%, 63%
HSV	157°, 23%, 71%
XYZ	34.1306, 41.3398, 41.7778
YIQ	166.9170, -19.3000, -13.6680

Conversions

Conversions Part 2

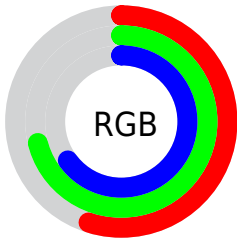
Format	Color
R_{YB}	140, 165, 181
Decimal	9221541
CIE _{Lab}	70.41, -17.08, 3.66
CIE _{LCh}	70, 17.468, 167.914
Yxy	41.3398, 0.2911, 0.3526
Android (android.graphics.Color)	4287411621 (0xFF8CB5A5)
YUV	166.9170, -0.9451, -23.6062
Hunter-Lab	64.2960, -17.7639, 6.4822

Details

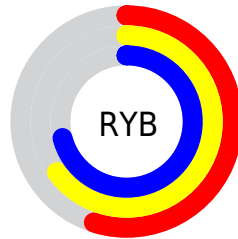
The YUV color $166.9170, -0.9451, -23.6062$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $154.0830, 0.9451, 23.6062$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.2050, -1.0871, -24.7358$, and $114.6290, -0.8031, -22.4766$ is the 20% darker color. If you saturate the color by 10%, you get $160.7370, -1.3493, -33.9723$, and if you desaturate by 10%, it is $173.0970, -0.5408, -13.2401$.

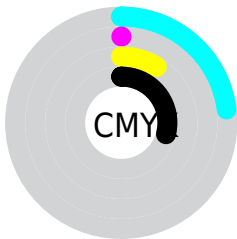
Distribution



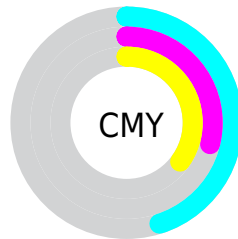
- Red (55%)
- Green (71%)
- Blue (65%)



- Red (55%)
- Yellow (65%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (45%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9170, -0.9451, -23.6062 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 166.9170, -0.9451, -23.6062 by changing the saturation by 10% instead.

 166.9170, -0.9451,
-23.6062


 166.9170, -0.9451,
-23.6062


255.0000, 0.0000,
0.0000

 140.3300, -0.6557,
-23.0914


 222.2050, -1.0871,
-24.7358


 114.6290, -0.8031,
-22.4766

 244.3350, 1.8068,
-19.5878

 90.0420, -0.5137,
-21.9618

 253.8040, 0.5896,
-2.4591

 66.0420, -0.5137,
-21.9618

 43.1560, -0.0769,
-22.0618

 22.5800, 0.2071,
-19.8027

 1.7610, -0.8682,

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 166.9170, -0.9451,
-23.6062

■ 166.9170, -0.9451,
-23.6062

■ 160.7370, -1.3493,
-33.9723

■ 173.0970, -0.5408,
-13.2401

■ 154.5570, -1.7536,
-44.3385

■ 179.2770, -0.1366,
-2.8739

■ 148.3770, -2.1579,
-54.7046

■ 185.4570, 0.2677,
7.4922

■ 142.1970, -2.5621,
-65.0708

■ 191.6370, 0.6720,
17.8584

■ 136.0170, -2.9664,
-75.4369

■ 198.1160, 0.9288,
28.8393

■ 129.5380, -3.2232,
-86.4178

■ 204.2960, 1.3331,
39.2054

■ 123.3580, -3.6275,
-96.7840

■ 206.8880, 3.5062,
42.1942

■ 118.7870, -4.3320,
-104.1762

■ 207.8000, 7.0006,
41.3944

■ 208.5980, 10.0582,
40.6946

Harmonies

Analogous

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



168.3440, -8.5506, -10.8257



166.9170, -0.9451, -23.6062



166.0500, 7.3703, -30.7389

Triad

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



166.9170, -0.9451, -23.6062



172.7510, 14.4198, -5.0436



173.6520, -12.1534, 24.8612

Complementary

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



166.9170, -0.9451, -23.6062



154.0830, 0.9451, 23.6062

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.



174.6830, -5.7597, 27.4650



166.9170, -0.9451, -23.6062



174.5850, 9.5716, 10.0110

Square

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



166.9170, -0.9451, -23.6062



170.4070, 16.0683, -20.5279



175.3000, 1.8241, 21.6619



172.3860, -15.4733, 16.3245

Rectangle

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



166.9170, -0.9451, -23.6062



166.6030, 12.0277, -31.2238



175.3000, 1.8241, 21.6619



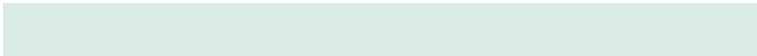
174.1190, -10.4117, 26.2056

Sweetspot

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



166.9170, -0.9451, -23.6062



229.1190, -0.5517, -9.7514



168.8510, -14.2235, -11.2703



113.9670, 0.0163, -5.2331



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.



166.9170, -0.9451, -23.6062



213.0140, -1.4859, -36.8463



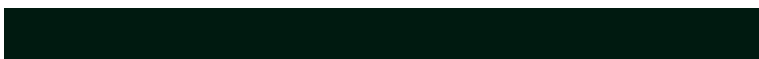
166.3930, 7.2013, -23.1467



85.9670, 0.0163, -5.2331



100.4130, -3.6546, -88.0622



17.0860, -0.5354, -14.9844

Inverse Universe

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



154.0830, 0.9451, 23.6062



192.9860, 1.4859, 36.8463



154.6070, -7.2013, 23.1467



83.1470, 0.4205, 5.1331



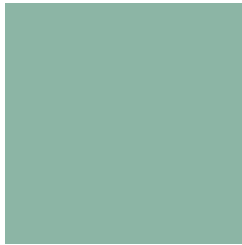
52.5870, 3.6546, 88.0622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 166.9170, -0.9451, -23.6062 looks on a white background.

Color Contrast Check

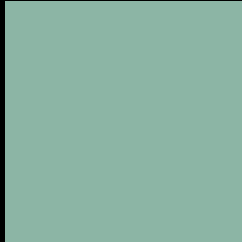
Large Text (above 18pt) WCAG AA × Fail

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 166.9170, -0.9451, -23.6062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

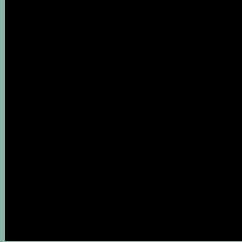
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.9170, -0.9451, -23.6062

Background



This preview shows how black text looks on a background with the YUV color 166.9170, -0.9451, -23.6062.



This preview shows how white text looks on a background with the YUV color 166.9170, -0.9451,

-23.6062.

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

166.9170, -0.9451, -23.6062

Protanopia

171.8390, -5.8366, 5.4032

Deuteranopia

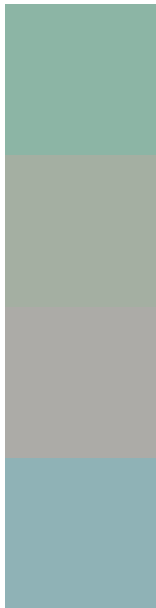
173.4040, -2.6642, 14.5547



Tritanopia

169.0280, 10.8322, -21.0726

Trichromacy



Original Color

166.9170, -0.9451, -23.6062

Protanomaly

170.2290, -4.0569, -5.4628

Deuteranomaly

170.8430, -1.8946, 1.0147

Tritanomaly

167.9910, 6.9064, -21.9171

Monochromacy



Original Color

166.9170, -0.9451, -23.6062

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.8310, -0.4097, -8.6218

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9170, -0.9451, -23.6062 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(140, 181, 165)` looks like.

```
.text, #text, p{  
    color:rgb(140, 181, 165)  
}
```

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(140, 181, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 181, 165) }
```

Border

The CSS property to change the border of an element to YUV 166.9170, -0.9451, -23.6062 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(140, 181, 165) }
```


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

```
.border{ border-color:rgb(140, 181, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 181, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 181, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 181, 165);  
box-shadow:4px 4px 4px 4px rgb(140, 181,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 166.9170, -0.9451, -23.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 181, 165) }
```

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

```
.background{ background-color: rgb(140,  
181, 165) }
```

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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