

Converting Colors

YUV(163.1670, -0.0823,
-20.3175)

Have a look what the booklet for
YUV(163.1670, -0.0823, -20.3175)
contains.

YUV(163.1670, -0.0823, -20.3175)	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(163.1670, -0.0823,
-20.3175)**

Conversions

Conversions Part 1

Format	Color
Hex	8CAFA3
RGB	140, 175, 163
RGB Percent	55%, 69%, 64%
CMY	0.4510, 0.3137, 0.3608
CMYK	0.20, 0.00, 0.07, 0.31
HSL	159°, 18%, 62%
HSV	159°, 20%, 69%
XYZ	32.7560, 38.8797, 40.4284
YIQ	163.1670, -17.0080, -11.1520

Conversions

Conversions Part 2

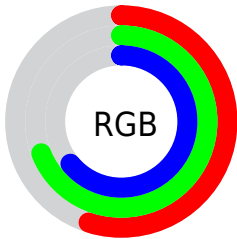
Format	Color
RYB	140, 161, 175
Decimal	9220003
CIELab	68.66, -14.38, 2.22
CIElCh	69, 14.549, 171.210
Yxy	38.8797, 0.2923, 0.3469
Android (android.graphics.Color)	4287410083 (0xFF8CAFA3)
YUV	163.1670, -0.0823, -20.3175
Hunter-Lab	62.3536, -15.3479, 5.2055

Details

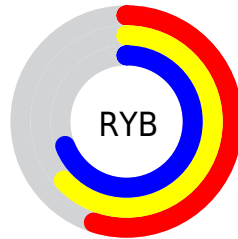
The YUV color **163.1670, -0.0823, -20.3175** is a light color, and the websafe version is hex **669999**. A complement of this color would be **151.8330, 0.0823, 20.3175**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.4550, -0.2243, -21.4470**, and **110.8790, 0.0597, -19.1879** is the 20% darker color. If you saturate the color by 10%, you get **157.4000, -0.1972, -30.1688**, and if you desaturate by 10%, it is **169.2330, -0.1149, -9.8513**.

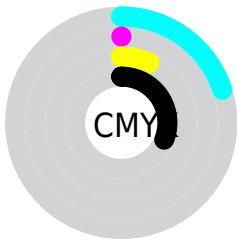
Distribution



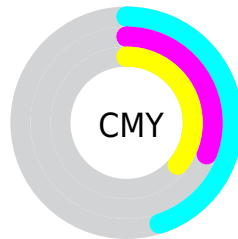
- Red (55%)
- Green (69%)
- Blue (64%)



- Red (55%)
- Yellow (63%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (45%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.1670, -0.0823, -20.3175 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 163.1670, -0.0823, -20.3175 by changing the saturation by 10% instead.

■ 163.1670, -0.0823,
-20.3175

■ 163.1670, -0.0823,
-20.3175

255.0000, 0.0000,
0.0000

■ 136.5800, 0.2071,
-19.8027

■ 218.4550, -0.2243,
-21.4470

■ 110.8790, 0.0597,
-19.1879

■ 244.1070, 0.9332,
-19.3878

■ 86.8790, 0.0597,
-19.1879

■ 253.8040, 0.5896,
-2.4591

■ 63.2920, 0.3490,
-18.6731

■ 40.4060, 0.7858,
-18.7731

■ 20.0040, 0.4910,
-17.5435

■ 0.0000, 0.0000,

0.0000

■ 163.1670, -0.0823,
-20.3175

■ 163.1670, -0.0823,
-20.3175

■ 157.4000, -0.1972,
-30.1688

■ 169.2330, -0.1149,
-9.8513

■ 151.3340, -0.1647,
-40.6349

■ 175.0000, 0.0000,
0.0000

■ 145.5670, -0.2795,
-50.4863

■ 181.0660, -0.0325,
10.4661

■ 139.5010, -0.2470,
-60.9524

■ 186.8330, 0.0823,
20.3175

■ 133.7340, -0.3619,
-70.8037

■ 192.8990, 0.0498,
30.7836

■ 127.6680, -0.3293,
-81.2698

■ 198.6660, 0.1647,
40.6349

■ 121.6020, -0.2968,
-91.7360

■ 202.3400, 1.3114,
46.1828

■ 115.8350, -0.4117,
-101.5873

■ 203.0240, 3.9322,
45.5830

■ 203.7080, 6.5530,
44.9831

Harmonies

Analogous

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



164.5120, -6.6614, -10.0960



163.1670, -0.0823, -20.3175



162.8550, 6.4805, -25.3058

Triad

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



163.1670, -0.0823, -20.3175



168.0780, 11.7935, -2.6994



168.6730, -10.6848, 20.4578

Complementary

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



163.1670, -0.0823, -20.3175



151.8330, 0.0823, 20.3175

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.



170.0630, -5.4541, 22.7467



163.1670, -0.0823, -20.3175



169.6020, 7.0982, 9.9960

Square

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



163.1670, -0.0823, -20.3175



166.0440, 13.2893, -15.8246



170.3490, 0.8139, 18.9879



167.4610, -12.5523, 12.7507

Rectangle

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



163.1670, -0.0823, -20.3175



163.1800, 10.2643, -25.5909



170.3490, 0.8139, 18.9879



169.1400, -8.9430, 21.8022

Sweetspot

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



163.1670, -0.0823, -20.3175



222.2440, -0.1203, -8.1070



164.1330, -11.8976, -10.6406



112.2660, -0.1311, -4.6183



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



163.1670, -0.0823, -20.3175



208.3890, -0.1918, -31.9132



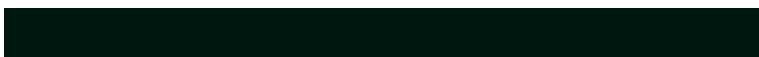
161.6000, 6.6062, -18.9432



83.9670, 0.0163, -5.2331



99.3360, -0.1656, -87.1177



15.2110, -0.1040, -13.3400

Inverse Universe

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



151.8330, 0.0823, 20.3175



190.6110, 0.1918, 31.9132



153.4000, -6.6062, 18.9432



81.0330, -0.0163, 5.2331



50.7780, 0.6024, 87.0177



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 163.1670, -0.0823, -20.3175 looks on a white background.

Color Contrast Check

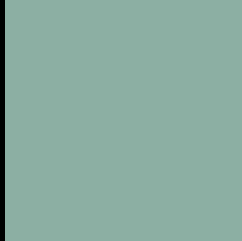
Large Text (above 18pt) WCAG AA × Fail

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 163.1670, -0.0823, -20.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

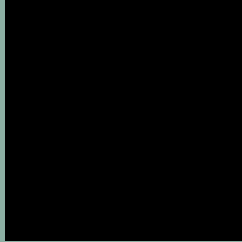
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.1670, -0.0823, -20.3175

Background



This preview shows how black text looks on a background with the YUV color 163.1670, -0.0823, -20.3175.



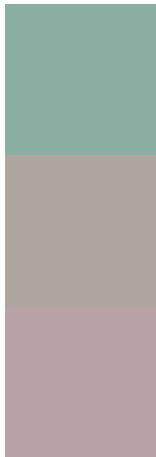
This preview shows how white text looks on a background with the YUV color 163.1670, -0.0823, -20.3175.

-20.3175.

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

163.1670, -0.0823, -20.3175

Protanopia

166.8820, -4.3788, 4.4885

Deuteranopia

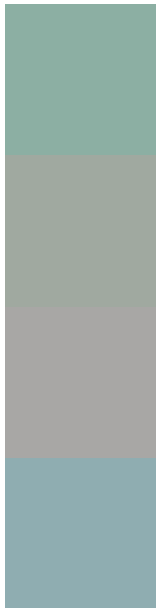
169.0340, -1.4958, 13.1252



Tritanopia

165.1100, 9.8058, -18.5135

Trichromacy



Original Color

163.1670, -0.0823, -20.3175

Protanomaly

165.2830, -2.6045, -4.6332

Deuteranomaly

167.0710, -1.0210, 0.8147

Tritanomaly

164.4860, 6.1694, -18.8432

Monochromacy



Original Color

163.1670, -0.0823, -20.3175

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.1670, -0.0823, -20.3175 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, 175, 163)` looks like.

```
.text, #text, p{  
    color:rgb(140, 175, 163)  
}
```

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, 175, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 175, 163) }
```

Border

The CSS property to change the border of an element to YUV 163.1670, -0.0823, -20.3175 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, 175, 163) }
```


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

```
.border{ border-color:rgb(140, 175, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 175, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 175, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 175, 163);  
box-shadow:4px 4px 4px 4px rgb(140, 175,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 163.1670, -0.0823, -20.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 175, 163) }
```

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

```
.background{ background-color: rgb(140,  
175, 163) }
```

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