

# Converting Colors

YUV(163.3950, 0.7913,  
-20.5174)

Have a look what the booklet for  
YUV(163.3950, 0.7913, -20.5174)  
contains.

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# Color

**YUV(163.3950, 0.7913,  
-20.5174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CAFA5
RGB	140, 175, 165
RGB Percent	55%, 69%, 65%
CMY	0.4510, 0.3137, 0.3529
CMYK	0.20, 0.00, 0.06, 0.31
HSL	163°, 18%, 62%
HSV	163°, 20%, 69%
XYZ	32.9367, 38.9520, 41.3798
YIQ	163.3950, -17.6500, -10.5300

# Conversions

## Conversions Part 2

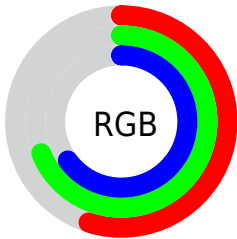
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 160, 175
Decimal	9220005
CIELab	68.72, -13.96, 1.19
CIELCh	69, 14.011, 175.108
Yxy	38.9520, 0.2908, 0.3439
Android (android.graphics.Color)	4287410085 (0xFF8CAFA5)
YUV	163.3950, 0.7913, -20.5174
Hunter-Lab	62.4115, -15.0196, 4.3779

# Details

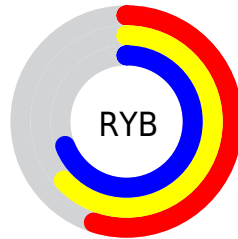
The YUV color  $163.3950, 0.7913, -20.5174$  is a light color, and the websafe version is hex  $669999$ . A complement of this color would be  $151.6050, -0.7913, 20.5174$ , and the grayscale version is  $163.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $218.6830, 0.6493, -21.6470$ , and  $111.1070, 0.9332, -19.3878$  is the 20% darker color. If you saturate the color by 10%, you get  $157.7420, 1.1132, -30.4687$ , and if you desaturate by 10%, it is  $169.3470, 0.3219, -9.9513$ .

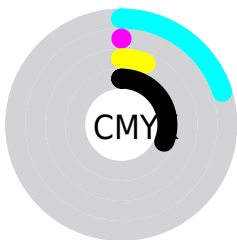
# Distribution



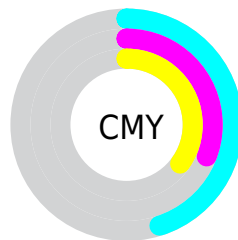
- Red (55%)
- Green (69%)
- Blue (65%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (45%)
- Magenta (31%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 163.3950, 0.7913, -20.5174 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 163.3950, 0.7913, -20.5174 by changing the saturation by 10% instead.



■ 163.3950, 0.7913,  
-20.5174

■ 163.3950, 0.7913,  
-20.5174

■ 255.0000, 0.0000,  
0.0000

■ 136.8080, 1.0807,  
-20.0026

■ 218.6830, 0.6493,  
-21.6470

■ 111.1070, 0.9332,  
-19.3878

■ 244.3350, 1.8068,  
-19.5878

■ 87.1070, 0.9332,  
-19.3878

■ 253.8040, 0.5896,  
-2.4591

■ 63.4060, 0.7858,  
-18.7731

■ 40.5200, 1.2226,  
-18.8730

■ 20.2320, 1.3646,  
-17.7435

■ 0.0000, 0.0000,

0.0000

■ 163.3950, 0.7913,  
-20.5174

■ 163.3950, 0.7913,  
-20.5174

■ 157.7420, 1.1132,  
-30.4687

■ 169.3470, 0.3219,  
-9.9513

■ 151.7900, 1.5825,  
-41.0348

■ 175.0000, 0.0000,  
0.0000

■ 146.1370, 1.9045,  
-50.9861

■ 180.9520, -0.4693,  
10.5661

■ 140.1850, 2.3738,  
-61.5522

■ 186.6050, -0.7913,  
20.5174

■ 134.5320, 2.6957,  
-71.5036

■ 192.5570, -1.2606,  
31.0835

■ 128.5800, 3.1651,  
-82.0697

■ 198.2100, -1.5825,  
41.0348

■ 122.6280, 3.6344,  
-92.6358

■ 201.7700, -0.8726,  
46.6827

■ 116.9750, 3.9563,  
-102.5871

■ 202.3400, 1.3114,  
46.1828

■ 202.9100, 3.4954,  
45.6829

# Harmonies

## Analogous

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



164.4410, -5.6404, -10.9108



163.3950, 0.7913, -20.5174



163.3820, 7.2067, -24.8910

# Triad

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



163.3950, 0.7913, -20.5174



168.7470, 10.4777, -0.6551



168.6620, -10.6794, 18.7134

# Complementary

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



163.3950, 0.7913, -20.5174



151.6050, -0.7913, 20.5174

# 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.



169.5360, -6.1802, 22.3319



163.3950, 0.7913, -20.5174



169.6730, 6.0772, 10.8108

# Square

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



163.3950, 0.7913, -20.5174



166.3540, 13.1365, -13.4655



170.1210, -0.0597, 19.1879



167.5640, -12.1101, 10.9064



# Rectangle

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



163.3950, 0.7913, -20.5174



164.1910, 10.2588, -23.8465



170.1210, -0.0597, 19.1879



169.0150, -9.3744, 20.1578

# Sweetspot

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



163.3950, 0.7913, -20.5174



222.3580, 0.3165, -8.2070



163.8340, -11.7502, -11.2554



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.



163.3950, 0.7913, -20.5174



208.7310, 1.1186, -32.2131



160.4260, 7.1850, -17.9136



83.9670, 0.0163, -5.2331



100.2480, 3.3287, -87.9175



15.3250, 0.3328, -13.4400



# Inverse Universe

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



151.6050, -0.7913, 20.5174



190.2690, -1.1186, 32.2131



154.5740, -7.1850, 17.9136



81.0330, -0.0163, 5.2331



49.7520, -3.3287, 87.9175



7.6750, -0.3328, 13.4400



# Previews

## White Background



This preview shows how the YUV color 163.3950, 0.7913, -20.5174 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

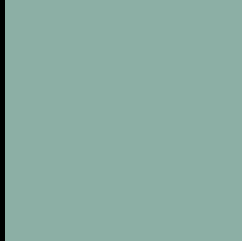
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 163.3950, 0.7913, -20.5174 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

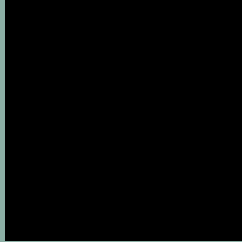
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 163.3950, 0.7913, -20.5174

## Background



This preview shows how black text looks on a background with the YUV color 163.3950, 0.7913, -20.5174.



This preview shows how white text looks on a background with the YUV color 163.3950, 0.7913, -20.5174.

-20.5174.

# 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

163.3950, 0.7913, -20.5174

### Protanopia

167.1100, -3.5052, 4.2885

### Deuteranopia

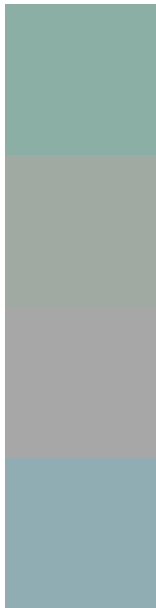
168.9630, -0.4748, 12.3104



## Tritanopia

165.2240, 10.2426, -18.6134

# Trichromacy



## Original Color

163.3950, 0.7913, -20.5174

## Protanomaly

165.5110, -1.7309, -4.8331

## Deuteranomaly

167.0000, 0.0000, 0.0000

## Tritanomaly

164.6000, 6.6062, -18.9432

# Monochromacy



## Original Color

163.3950, 0.7913, -20.5174

## Achromatopsia

163.0000, 0.0000, 0.0000

## Achromatomaly

163.0700, 0.4585, -7.0774

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 163.3950, 0.7913, -20.5174 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(140, 175, 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, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 175, 165) }
```

## Border

The CSS property to change the border of an element to YUV 163.3950, 0.7913, -20.5174 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, 165) }
```



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

```
.border{ border-color:rgb(140, 175, 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, 175, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 175, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 175, 165);  
box-shadow:4px 4px 4px 4px rgb(140, 175,  
165) }
```

# Background

The CSS property to change the background color of an element to YUV 163.3950, 0.7913, -20.5174 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, 165) }
```

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

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