

# Converting Colors

YUV(164.9610, -0.9668,  
-16.6288)

Have a look what the booklet for  
YUV(164.9610, -0.9668, -16.6288)  
contains.

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# Color

**YUV(164.9610, -0.9668,  
-16.6288)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92AFA3
RGB	146, 175, 163
RGB Percent	57%, 69%, 64%
CMY	0.4275, 0.3137, 0.3608
CMYK	0.17, 0.00, 0.07, 0.31
HSL	155°, 15%, 63%
HSV	155°, 17%, 69%
XYZ	33.7949, 39.4153, 40.4771
YIQ	164.9610, -13.4320, -9.8800

# Conversions

## Conversions Part 2

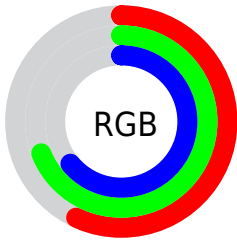
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 164, 175
Decimal	9613219
CIELab	69.05, -12.38, 2.83
CIELCh	69, 12.698, 167.110
Yxy	39.4153, 0.2973, 0.3467
Android (android.graphics.Color)	4287803299 (0xFF92AFA3)
YUV	164.9610, -0.9668, -16.6288
Hunter-Lab	62.7816, -13.7825, 5.7212

# Details

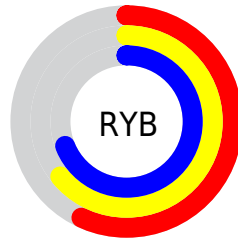
The YUV color **164.9610, -0.9668, -16.6288** is a light color, and the websafe version is hex **669999**. A complement of this color would be **156.0390, 0.9668, 16.6288**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2490, -1.1088, -17.7584**, and **113.2600, -1.1142, -16.0140** is the 20% darker color. If you saturate the color by 10%, you get **159.0800, -1.5184, -26.3802**, and if you desaturate by 10%, it is **170.8420, -0.4151, -6.8774**.

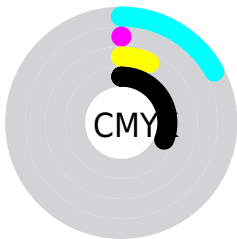
# Distribution



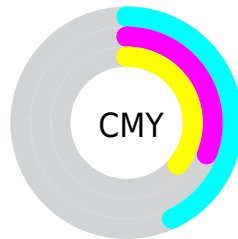
- Red (57%)
- Green (69%)
- Blue (64%)



- Red (57%)
- Yellow (64%)
- Blue (69%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (43%)
- Magenta (31%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 164.9610, -0.9668, -16.6288 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 164.9610, -0.9668, -16.6288 by changing the saturation by 10% instead.



■ 164.9610, -0.9668,  
-16.6288

■ 164.9610, -0.9668,  
-16.6288

255.0000, 0.0000,  
0.0000

■ 138.3740, -0.6774,  
-16.1140

■ 220.2490, -1.1088,  
-17.7584

■ 113.2600, -1.1142,  
-16.0140

■ 245.9010, 0.0488,  
-15.6992

■ 88.6730, -0.8248,  
-15.4992

■ 65.0860, -0.5354,  
-14.9844

■ 42.4990, -0.2460,  
-14.4696

■ 21.2000, -0.0986,  
-15.0844

■ 0.0000, 0.0000,

0.0000

■ 164.9610, -0.9668,  
-16.6288

■ 164.9610, -0.9668,  
-16.6288

■ 159.0800, -1.5184,  
-26.3802

■ 170.8420, -0.4151,  
-6.8774

■ 152.9000, -1.9227,  
-36.7463

■ 177.0220, -0.0108,  
3.4887

■ 146.9050, -2.9112,  
-46.3977

■ 183.3160, 0.8302,  
13.7549

■ 140.7250, -3.3154,  
-56.7638

■ 189.1970, 1.3819,  
23.5062

■ 134.5450, -3.7197,  
-67.1300

■ 195.3770, 1.7861,  
33.8724

■ 128.6640, -4.2714,  
-76.8813

■ 201.2580, 2.3378,  
43.6237

■ 122.3700, -5.1124,  
-87.1475

■ 203.3660, 5.2426,  
45.2830

■ 116.4890, -5.6641,  
-96.8989

■ 204.1640, 8.3001,  
44.5832

■ 114.4670, -5.6532,  
-100.3876

■ 204.9620, 11.3577,  
43.8833

# Harmonies

## Analogous

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



166.2350, -6.5249, -7.2221



164.9610, -0.9668, -16.6288



164.5350, 5.1592, -21.5172

# Triad

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



164.9610, -0.9668, -16.6288



169.0240, 10.3412, -3.5290



170.1180, -8.9322, 18.3135

# Complementary

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



164.9610, -0.9668, -16.6288



156.0390, 0.9668, 16.6288

# 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.



170.6820, -4.2802, 19.5729



164.9610, -0.9668, -16.6288



170.7650, 6.5249, 7.2221

# Square

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



164.9610, -0.9668, -16.6288



167.3000, 11.6841, -14.2951



170.8540, 1.5510, 15.9140



168.8030, -11.2419, 12.4508



# Rectangle

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



164.9610, -0.9668, -16.6288



165.3330, 8.2168, -22.2170



170.8540, 1.5510, 15.9140



170.1720, -7.4798, 19.1432

# Sweetspot

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



164.9610, -0.9668, -16.6288



223.1410, -0.5625, -6.2627



166.6110, -10.1612, -7.5518



112.5650, -0.2785, -4.0035



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.



164.9610, -0.9668, -16.6288



211.3790, -1.6658, -25.7654



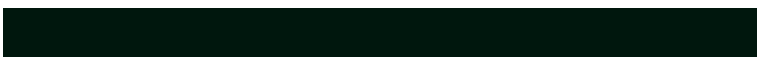
165.1550, 4.8536, -16.7989



83.8530, -0.4205, -5.1331



98.0820, -4.9704, -86.0179



14.9830, -0.9776, -13.1401



# Inverse Universe

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



156.0390, 0.9668, 16.6288



197.5070, 1.2290, 25.8654



155.8450, -4.8536, 16.7989



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401



# Previews

## White Background



This preview shows how the YUV color 164.9610, -0.9668, -16.6288 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

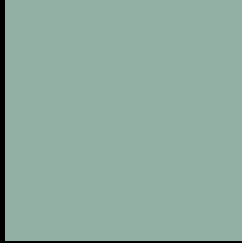
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 164.9610, -0.9668, -16.6288 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

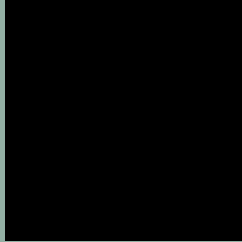
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 164.9610, -0.9668, -16.6288

## Background



This preview shows how black text looks on a background with the YUV color 164.9610, -0.9668, -16.6288.



This preview shows how white text looks on a background with the YUV color 164.9610, -0.9668,

-16.6288.

# 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

164.9610, -0.9668, -16.6288

### Protanopia

167.8820, -4.3788, 4.4885

### Deuteranopia

169.9200, -1.9326, 13.2252



## Tritanopia

166.9040, 8.9213, -14.8248

# Trichromacy



## Original Color

164.9610, -0.9668, -16.6288

## Protanomaly

166.7670, -3.3361, -3.3037

## Deuteranomaly

167.9680, -1.4632, 2.6591

## Tritanomaly

166.2800, 5.2850, -15.1546

# Monochromacy



## Original Color

164.9610, -0.9668, -16.6288

## Achromatopsia

165.0000, 0.0000, 0.0000

## Achromatomaly

165.1410, -0.5625, -6.2627

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 164.9610, -0.9668, -16.6288 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(146, 175, 163)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 175, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 175, 163) }
```

## Border

The CSS property to change the border of an element to YUV 164.9610, -0.9668, -16.6288 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(146, 175, 163) }
```



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

```
.border{ border-color:rgb(146, 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(146, 175, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 175, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 175, 163);  
box-shadow:4px 4px 4px 4px rgb(146, 175,  
163) }
```

# Background

The CSS property to change the background color of an element to YUV 164.9610, -0.9668, -16.6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 175, 163) }
```

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

```
.background{ background-color: rgb(146,  
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](#).

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