

# Converting Colors

YUV(166.0940, 10.7997,  
-10.6064)

Have a look what the booklet for  
YUV(166.0940, 10.7997, -10.6064)  
contains.

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# Color

**YUV(166.0940, 10.7997,  
-10.6064)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9AA8BC
RGB	154, 168, 188
RGB Percent	60%, 66%, 74%
CMY	0.3961, 0.3412, 0.2627
CMYK	0.18, 0.11, 0.00, 0.26
HSL	215°, 20%, 67%
HSV	215°, 18%, 74%
XYZ	36.4062, 38.5061, 53.0906
YIQ	166.0940, -14.7640, 3.2520

# Conversions

## Conversions Part 2

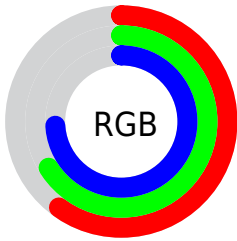
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 164, 188
Decimal	10135740
CIELab	68.39, -0.64, -11.91
CIELCh	68, 11.930, 266.926
Yxy	38.5061, 0.2844, 0.3008
Android (android.graphics.Color)	4288325820 (0xFF9AA8BC)
YUV	166.0940, 10.7997, -10.6064
Hunter-Lab	62.0533, -3.8688, -7.2891

# Details

The YUV color  $166.0940, 10.7997, -10.6064$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $175.9060, -10.7997, 10.6064$ , and the grayscale version is  $166.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $221.2080, 11.2365, -10.7064$ , and  $113.9800, 10.3629, -10.5065$  is the 20% darker color. If you saturate the color by 10%, you get  $153.9560, 16.7837, -16.6244$ , and if you desaturate by 10%, it is  $178.2320, 4.8156, -4.5885$ .

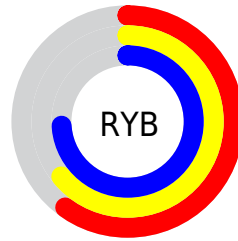
# Distribution



Red (60%)

Green (66%)

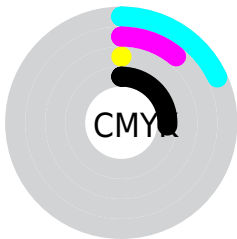
Blue (74%)



Red (60%)

Yellow (64%)

Blue (74%)

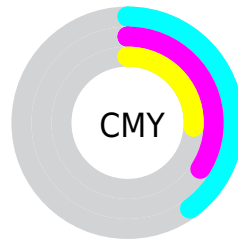


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (40%)

Magenta (34%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 166.0940, 10.7997, -10.6064 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 166.0940, 10.7997, -10.6064 by changing the saturation by 10% instead.



■ 166.0940, 10.7997,  
-10.6064

■ 166.0940, 10.7997,  
-10.6064

255.0000, 0.0000,  
0.0000

■ 139.9800, 10.3629,  
-10.5065

■ 221.2080, 11.2365,  
-10.7064

■ 113.9800, 10.3629,  
-10.5065

■ 247.8570, 3.5215,  
-9.5216

■ 89.7520, 9.4893,  
-10.3065

■ 66.0510, 9.3419,  
-9.6917

■ 43.6380, 9.0525,  
-10.2065

■ 22.2250, 8.7631,  
-10.7213

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 166.0940, 10.7997,  
-10.6064

■ 166.0940, 10.7997,  
-10.6064

■ 153.9560, 16.7837,  
-16.6244

■ 178.2320, 4.8156,  
-4.5885

■ 141.8180, 22.7677,  
-22.6424

■ 190.3700, -1.1684,  
1.4295

■ 129.9790, 28.6044,  
-28.0456

■ 202.2090, -7.0050,  
6.8327

■ 117.8410, 34.5884,  
-34.0636

■ 214.3470,  
-12.9891, 12.8507

■ 105.7030, 40.5724,  
-40.0815

■ 226.4850,  
-18.9731, 18.8687

■ 93.5650, 46.5565,  
-46.0995

■ 235.0350,  
-23.1883, 17.5093

■ 81.4270, 52.5405,  
-52.1175

■ 241.4920,  
-26.3716, 11.8465

■ 69.5880, 58.3771,  
-57.5207

■ 247.3620,  
-29.2655, 6.6985

■ 66.6310, 59.8349,  
-58.4354

# Harmonies

## Analogous

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



164.1100, 9.8058, -18.5135



166.0940, 10.7997, -10.6064



167.7040, 9.0199, 0.2596

# Triad

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



166.0940, 10.7997, -10.6064



168.6280, -5.7326, 18.7432



164.3810, -4.6248, -9.9811

# Complementary

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



166.0940, 10.7997, -10.6064



175.9060, -10.7997, 10.6064

# 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.



165.2960, -9.0199, -0.2596



166.0940, 10.7997, -10.6064



167.6940, -9.2161, 16.0544

# Square

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



166.0940, 10.7997, -10.6064



169.2840, -0.6330, 16.4139



166.8950, -10.7942, 8.8621



163.1180, 0.9278, -17.6435



# Rectangle

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



166.0940, 10.7997, -10.6064



168.4660, 6.6723, 6.6073



166.8950, -10.7942, 8.8621



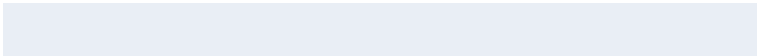
164.6480, -6.2355, -6.7073

# Sweetspot

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



166.0940, 10.7997, -10.6064



237.3030, 3.7946, -3.7737



176.2380, -1.1033, -19.5027



117.5590, 2.1894, -2.2442



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



166.0940, 10.7997, -10.6064



210.0700, 17.2205, -16.7244



158.7730, 14.4089, -1.5549



88.3740, 2.7736, -2.9590



56.1670, 50.2037, -49.2585



11.1650, 9.7787, -9.7917



# Inverse Universe

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



165.7620, 1.1033, 19.5027



209.6540, 1.6496, 30.9984



183.2270, -14.4089, 1.5549



88.1470, 0.4205, 5.1331



54.6520, 5.1016, 90.6362

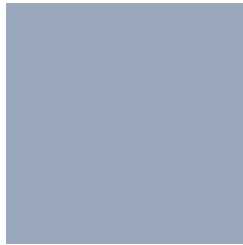


10.7510, 1.1088, 17.7584



# Previews

## White Background



This preview shows how the YUV color 166.0940, 10.7997, -10.6064 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

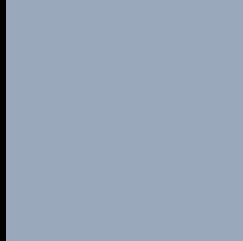
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 166.0940, 10.7997, -10.6064 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

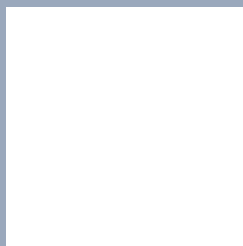
Any Text WCAG AAA ✓ Pass

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

# YUV 166.0940, 10.7997, -10.6064 Background



This preview shows how black text looks on a background with the YUV color 166.0940, 10.7997, -10.6064.



This preview shows how white text looks on a background with the YUV color 166.0940, 10.7997, -10.6064.

-10.6064.

# 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

166.0940, 10.7997, -10.6064

### Protanopia

167.0950, 9.3202, -2.7143

### Deuteranopia

168.0680, 10.3195, 3.4484



## Tritanopia

165.6980, 8.0369, -11.1361

# Trichromacy



## Original Color

166.0940, 10.7997, -10.6064

## Protanomaly

166.6000, 10.0572, -5.7882

## Deuteranomaly

167.1490, 10.7725, -1.8847

## Tritanomaly

165.9260, 8.9105, -11.3361

# Monochromacy



## Original Color

166.0940, 10.7997, -10.6064

## Achromatopsia

166.0000, 0.0000, 0.0000

## Achromatomaly

166.3030, 3.7946, -3.7737

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 166.0940, 10.7997, -10.6064 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(154, 168, 188)` looks like.

```
.text, #text, p{  
    color:rgb(154, 168, 188)  
}
```

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(154, 168, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 168, 188) }
```

## Border

The CSS property to change the border of an element to YUV 166.0940, 10.7997, -10.6064 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(154, 168, 188) }
```



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

```
.border{ border-color:rgb(154, 168, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 168, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 168, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 168, 188);  
box-shadow:4px 4px 4px 4px rgb(154, 168,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 166.0940, 10.7997, -10.6064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 168, 188) }
```

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

```
.background{ background-color: rgb(154,  
168, 188) }
```

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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