

# Converting Colors

YUV(117.6860, 9.5218,  
-20.7726)

Have a look what the booklet for  
YUV(117.6860, 9.5218, -20.7726)  
contains.

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# Color

**YUV(117.6860, 9.5218,  
-20.7726)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E7E89
RGB	94, 126, 137
RGB Percent	37%, 49%, 54%
CMY	0.6314, 0.5059, 0.4627
CMYK	0.31, 0.08, 0.00, 0.46
HSL	195°, 19%, 45%
HSV	195°, 31%, 54%
XYZ	16.5923, 19.1075, 26.4805
YIQ	117.6860, -22.6030, -3.3630

# Conversions

## Conversions Part 2

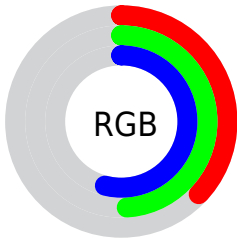
Format	Color
R <sub>Y</sub> B	94, 112, 137
Decimal	6192777
CIE Lab	50.81, -8.54, -9.65
CIE LCh	51, 12.885, 228.466
Yxy	19.1075, 0.2668, 0.3073
Android (android.graphics.Color)	4284382857 (0xFF5E7E89)
YUV	117.6860, 9.5218, -20.7726
Hunter-Lab	43.7122, -8.7411, -5.3190

# Details

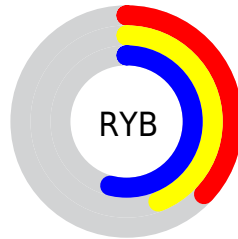
The YUV color **117.6860, 9.5218, -20.7726** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **113.3140, -9.5218, 20.7726**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3870, 9.6692, -21.3874**, and **68.5720, 9.0850, -20.6726** is the 20% darker color. If you saturate the color by 10%, you get **111.1520, 12.7431, -27.3203**, and if you desaturate by 10%, it is **124.2200, 6.3005, -14.2249**.

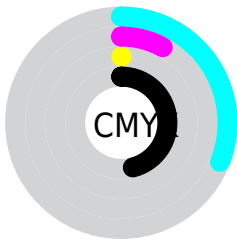
# Distribution



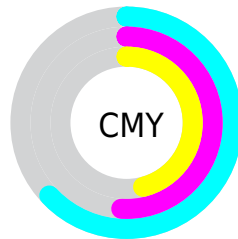
- Red (37%)
- Green (49%)
- Blue (54%)



- Red (37%)
- Yellow (44%)
- Blue (54%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (46%)



- Cyan (63%)
- Magenta (51%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 117.6860, 9.5218, -20.7726 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 117.6860, 9.5218, -20.7726 by changing the saturation by 10% instead.



■ 117.6860, 9.5218,  
-20.7726

■ 117.6860, 9.5218,  
-20.7726

■ 255.0000, 0.0000,  
0.0000

■ 92.6860, 9.5218,  
-20.7726

■ 170.3870, 9.6692,  
-21.3874

■ 68.5720, 9.0850,  
-20.6726

■ 197.5010, 10.1060,  
-21.4874

■ 45.2730, 9.2324,  
-21.2874

■ 225.3160, 10.6902,  
-22.2021

■ 24.1590, 8.7956,  
-21.1874

■ 247.2260, 3.8326,  
-15.9842

■ 6.6170, 7.5838,  
-5.8031

■ 0.0000, 0.0000,  
0.0000

■ 117.6860, 9.5218,  
-20.7726

■ 117.6860, 9.5218,  
-20.7726

■ 111.1520, 12.7431,  
-27.3203

■ 124.2200, 6.3005,  
-14.2249

■ 105.5040, 15.5275,  
-33.7680

■ 129.8680, 3.5161,  
-7.7772

■ 98.9700, 18.7488,  
-40.3157

■ 136.4020, 0.2948,  
-1.2296

■ 93.0230, 21.6807,  
-47.3782

■ 142.3490, -2.6371,  
5.8329

■ 86.7880, 24.7545,  
-53.3111

■ 148.8830, -5.8583,  
12.3806

■ 80.8410, 27.6864,  
-60.3736


■ 154.5310, -8.6428,  
18.8283

■ 75.4920, 30.3234,  
-66.2065

■ 161.0650,  
-11.8640, 25.3760

■ 167.0120,

-14.7959, 32.4385

 173.2470,  
-17.8698, 38.3714

# Harmonies

## Analogous

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



116.5350, 5.1592, -21.5172



117.6860, 9.5218, -20.7726



119.4850, 11.0999, -13.5803

# Triad

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



117.6860, 9.5218, -20.7726



123.4410, 1.2616, 15.3992



119.4920, -9.6096, 2.1995

# Complementary

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



117.6860, 9.5218, -20.7726



113.3140, -9.5218, 20.7726

# 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.



121.3190, -10.5103, 11.1212



117.6860, 9.5218, -20.7726



122.9700, -4.4222, 18.4433

# Square

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



117.6860, 9.5218, -20.7726



122.7650, 6.5249, 7.2221



121.9330, -8.3480, 17.5988



118.3490, -6.0881, -7.3221



# Rectangle

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



117.6860, 9.5218, -20.7726



121.1160, 10.7888, -7.1177



121.9330, -8.3480, 17.5988



119.9870, -10.3466, 5.2734

# Sweetspot

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



117.6860, 9.5218, -20.7726



170.9820, 3.9529, -7.8772



120.4950, -7.6390, -23.2361



84.8360, 2.0529, -5.1182



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



117.6860, 9.5218, -20.7726



148.1020, 15.2327, -32.5385



105.3590, 15.5990, -9.9618



65.7330, 1.6106, -3.2738



73.2750, 29.4444, -64.2622



2.9180, 1.0264, -2.5591



# Inverse Universe

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



110.5050, 7.6390, 23.2361



137.0320, 11.8162, 36.8059



125.6410, -15.5990, 9.9618



64.6630, 1.1521, 3.8035



51.0530, 23.6379, 71.8675



1.9510, 1.0102, 2.6740



# Previews

## White Background



This preview shows how the YUV color 117.6860, 9.5218, -20.7726 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6860, 9.5218, -20.7726 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

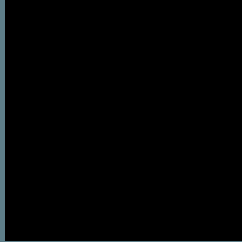
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

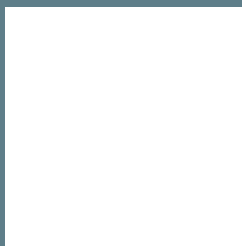
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 117.6860, 9.5218, -20.7726

## Background



This preview shows how black text looks on a background with the YUV color 117.6860, 9.5218, -20.7726.



This preview shows how white text looks on a background with the YUV color 117.6860, 9.5218,

-20.7726.

# 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

117.6860, 9.5218, -20.7726

### Protanopia

121.1830, 5.8258, -1.9145

### Deuteranopia

122.1880, 8.2883, 1.5891



## Tritanopia

117.5720, 9.0850, -20.6726

# Trichromacy



## Original Color

117.6860, 9.5218, -20.7726

## Protanomaly

119.7800, 7.0105, -8.5771

## Deuteranomaly

120.5460, 8.6048, -6.6178

## Tritanomaly

117.5720, 9.0850, -20.6726

# Monochromacy



## Original Color

117.6860, 9.5218, -20.7726

## Achromatopsia

118.0000, 0.0000, 0.0000

## Achromatomaly

117.8680, 3.5161, -7.7772

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 117.6860, 9.5218, -20.7726 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(94, 126, 137)` looks like.

```
.text, #text, p{  
    color:rgb(94, 126, 137)  
}
```

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(94, 126, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 126, 137) }
```

## Border

The CSS property to change the border of an element to YUV 117.6860, 9.5218, -20.7726 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(94, 126, 137) }
```



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

```
.border{ border-color:rgb(94, 126, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 126, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 126, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 126, 137);  
box-shadow:4px 4px 4px 4px rgb(94, 126,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 117.6860, 9.5218, -20.7726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 126, 137) }
```

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

```
.background{ background-color: rgb(94, 126,  
137) }
```

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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