

# Converting Colors

YUV(79.1460, 25.0710,  
-61.5180)

Have a look what the booklet for  
YUV(79.1460, 25.0710, -61.5180)  
contains.

<b>YUV(79.1460, 25.0710, -61.5180)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(79.1460, 25.0710,  
-61.5180)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	096982
RGB	9, 105, 130
RGB Percent	4%, 41%, 51%
CMY	0.9647, 0.5882, 0.4902
CMYK	0.93, 0.19, 0.00, 0.49
HSL	192°, 87%, 27%
HSV	192°, 93%, 51%
XYZ	9.1935, 11.7729, 22.9069
YIQ	79.1460, -65.2410, -12.5770

# Conversions

## Conversions Part 2

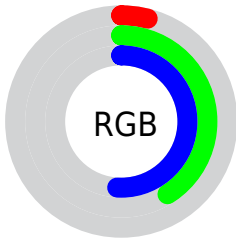
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 63, 130
Decimal	616834
CIE <sub>Lab</sub>	40.85, -15.54, -20.93
CIE <sub>LCh</sub>	41, 26.065, 233.409
Yxy	11.7729, 0.2095, 0.2683
Android (android.graphics.Color)	4278806914 (0xFF096982)
YUV	79.1460, 25.0710, -61.5180
Hunter-Lab	34.3117, -12.2181, -15.5646

# Details

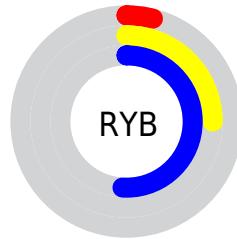
The YUV color **79.1460, 25.0710, -61.5180** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59.8540, -25.0710, 61.5180**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9520, 22.7017, -48.1929**, and **43.2800, 18.5960, -37.9566** is the 20% darker color. If you saturate the color by 10%, you get **75.2810, 26.9765, -66.0214**, and if you desaturate by 10%, it is **84.7940, 22.2866, -55.0703**.

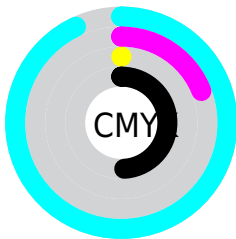
# Distribution



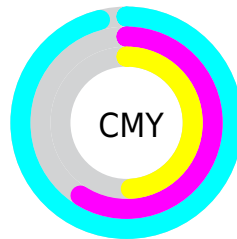
- Red (4%)
- Green (41%)
- Blue (51%)



- Red (4%)
- Yellow (25%)
- Blue (51%)



- Cyan (93%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)



- Cyan (96%)
- Magenta (59%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.1460, 25.0710, -61.5180 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 79.1460, 25.0710, -61.5180 by changing the saturation by 10% instead.



79.1460, 25.0710,  
-61.5180

79.1460, 25.0710,  
-61.5180

255.0000, 0.0000,  
0.0000

59.5170, 22.4231,  
-52.1964

136.9520, 22.7017,  
-48.1929

43.2800, 18.5960,  
-37.9566

164.3650, 22.9911,  
-47.6781

27.6300, 14.4794,  
-24.2315

192.3650, 22.9911,  
-47.6781

8.8000, 13.4096,  
-7.7176

219.2960, 17.6021,  
-45.8636

1.3680, 5.2416,  
-1.1997

237.0600, 8.8444,  
-36.8866

0.0000, 0.0000,  
0.0000

246.0300, 4.4222,

-18.4433

254.7010, 0.1474,  
-0.6148

■ 79.1460, 25.0710,  
-61.5180

■ 79.1460, 25.0710,  
-61.5180

■ 75.2810, 26.9765,  
-66.0214

■ 84.7940, 22.2866,  
-55.0703

■ 89.8550, 19.7915,  
-48.1078

■ 95.5030, 17.0070,  
-41.6601

■ 101.1510, 14.2226,  
-35.2124

■ 106.2120, 11.7275,  
-28.2499

■ 111.8600, 8.9430,  
-21.8022

■ 117.5080, 6.1586,  
-15.3545

■ 122.5690, 3.6635,  
-8.3920

■ 128.2170, 0.8790,  
-1.9443

# Harmonies

## Analogous

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



75.6910, 18.3933, -66.3810



79.1460, 25.0710, -61.5180



91.1760, 23.0842, -30.8494

# Triad

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



79.1460, 25.0710, -61.5180



98.6540, 1.6496, 30.9984



92.8910, -18.1873, 0.0956

# Complementary

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



79.1460, 25.0710, -61.5180



59.8540, -25.0710, 61.5180

# 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.



94.8330, -20.1307, 16.8095



79.1460, 25.0710, -61.5180



97.9290, -8.8390, 35.1423

# Square

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



79.1460, 25.0710, -61.5180



99.3840, 11.1497, 17.2032



96.5340, -16.5323, 29.3497



89.9470, -9.8339, -19.2475



# Rectangle

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



79.1460, 25.0710, -61.5180



95.7160, 20.8460, -12.9059



96.5340, -16.5323, 29.3497



93.8810, -19.6613, 6.2434

# Sweetspot

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



79.1460, 25.0710, -61.5180



148.6640, 9.5326, -24.2613



82.7630, -24.5332, -64.6902



72.1060, 5.8637, -14.1250



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



79.1460, 25.0710, -61.5180



97.8100, 34.6037, -85.7794



43.9260, 42.4345, -30.6301



60.7330, 1.6106, -3.2738



73.8790, 26.6817, -64.7919



0.0000, 0.0000, 0.0000



# Inverse Universe

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



56.1230, 24.0964, 64.7901



65.5080, 33.7666, 89.8855



95.0740, -42.4345, 30.6301



59.6630, 1.1521, 3.8035



49.7860, 25.2485, 68.5937



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 79.1460, 25.0710, -61.5180 looks on a white 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



# Black Background



This preview shows how the YUV color 79.1460, 25.0710, -61.5180 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

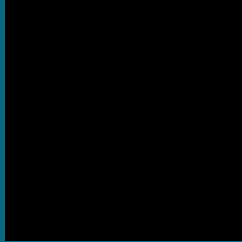
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 79.1460, 25.0710, -61.5180

## Background



This preview shows how black text looks on a background with the YUV color 79.1460, 25.0710, -61.5180.



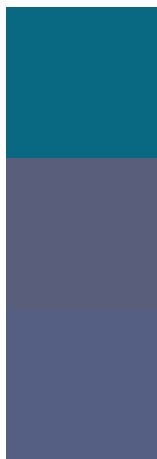
This preview shows how white text looks on a background with the YUV color 79.1460, 25.0710,



# 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

79.1460, 25.0710, -61.5180

### Protanopia

96.3980, 13.1148, -6.4880

### Deuteranopia

96.2280, 17.6356, -9.8470



## Tritanopia

75.9190, 19.2669, -66.5810

# Trichromacy



## Original Color

79.1460, 25.0710, -61.5180

## Protanomaly

90.4170, 17.5424, -26.6757

## Deuteranomaly

90.0900, 20.1686, -29.0199

## Tritanomaly

76.7990, 21.2981, -64.7217

# Monochromacy



## Original Color

79.1460, 25.0710, -61.5180

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

78.9740, 9.3798, -21.9022

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.1460, 25.0710, -61.5180 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(9, 105, 130)` looks like.

```
.text, #text, p{  
    color:rgb(9, 105, 130)  
}
```

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(9, 105, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 105, 130) }
```

## Border

The CSS property to change the border of an element to YUV 79.1460, 25.0710, -61.5180 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(9, 105, 130) }
```



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

```
.border{ border-color:rgb(9, 105, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 105, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 105, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 105, 130);  
box-shadow:4px 4px 4px 4px rgb(9, 105,  
130) }
```

# Background

The CSS property to change the background color of an element to YUV 79.1460, 25.0710, -61.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 105, 130) }
```

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

```
.background{ background-color: rgb(9, 105,  
130) }
```

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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