

# Converting Colors

YUV(96.3300, 25.9663,  
-68.6954)

Have a look what the booklet for  
YUV(96.3300, 25.9663, -68.6954)  
contains.

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# Color

**YUV(96.3300, 25.9663,  
-68.6954)**

# Conversions

## Conversions Part 1

Format	Color
Hex	127E95
RGB	18, 126, 149
RGB Percent	7%, 49%, 58%
CMY	0.9294, 0.5059, 0.4157
CMYK	0.88, 0.15, 0.00, 0.42
HSL	191°, 78%, 33%
HSV	191°, 88%, 58%
XYZ	13.1351, 17.2202, 31.0653
YIQ	96.3300, -71.7510, -15.7430

# Conversions

## Conversions Part 2

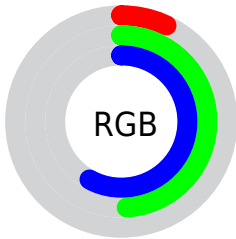
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 77, 149
Decimal	1212053
CIELab	48.54, -19.67, -20.39
CIELCh	49, 28.334, 226.038
Yxy	17.2202, 0.2139, 0.2804
Android (android.graphics.Color)	4279402133 (0xFF127E95)
YUV	96.3300, 25.9663, -68.6954
Hunter-Lab	41.4973, -16.1196, -15.3371

# Details

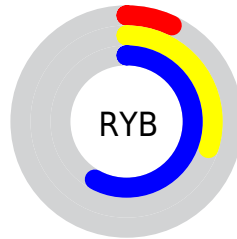
The YUV color **96.3300, 25.9663, -68.6954** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **70.6700, -25.9663, 68.6954**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1250, 23.6024, -57.1146**, and **56.3710, 20.5231, -49.4374** is the 20% darker color. If you saturate the color by 10%, you get **90.0840, 29.0456, -76.3727**, and if you desaturate by 10%, it is **102.5760, 22.8870, -61.0182**.

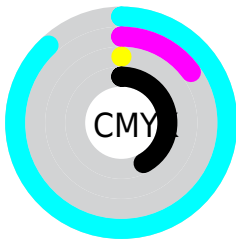
# Distribution



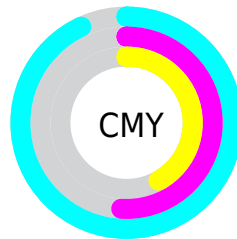
- Red (7%)
- Green (49%)
- Blue (58%)



- Red (7%)
- Yellow (30%)
- Blue (58%)



- Cyan (88%)
- Magenta (15%)
- Yellow (0%)
- Black (42%)



- Cyan (93%)
- Magenta (51%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.3300, 25.9663, -68.6954 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 96.3300, 25.9663, -68.6954 by changing the saturation by 10% instead.



96.3300, 25.9663,  
-68.6954

96.3300, 25.9663,  
-68.6954

255.0000, 0.0000,  
0.0000

73.3090, 24.4977,  
-64.2920

155.1250, 23.6024,  
-57.1146

56.3710, 20.5231,  
-49.4374

183.1360, 23.5970,  
-55.3703

40.1340, 16.6959,  
-35.1975

211.5660, 21.4130,  
-54.8704

25.2990, 13.1636,  
-22.1872

231.9770, 11.3503,  
-47.3378

4.7080, 12.9620,  
-4.1289

240.6480, 7.0755,  
-29.5093

0.2280, 0.8736,  
-0.2000

249.6180, 2.6533,

0.0000, 0.0000,

-11.0660

0.0000

■ 96.3300, 25.9663,  
-68.6954

■ 96.3300, 25.9663,  
-68.6954

■ 90.0840, 29.0456,  
-76.3727

■ 102.5760, 22.8870,  
-61.0182

■ 89.1870, 29.4878,  
-78.2170

■ 108.2350, 20.0971,  
-52.8261

■ 114.4810, 17.0179,  
-45.1488

■ 120.1400, 14.2280,  
-36.9568

■ 126.0870, 11.2961,  
-29.8943

■ 132.3330, 8.2168,  
-22.2170

■ 137.9920, 5.4269,  
-14.0250

■ 144.2380, 2.3477,  
-6.3477

■ 150.4840, -0.7316,  
1.3295

# Harmonies

## Analogous

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



97.5020, 15.0355, -62.7073



96.3300, 25.9663, -68.6954



107.6200, 26.3163, -40.8857

# Triad

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



96.3300, 25.9663, -68.6954



118.3490, 4.2649, 32.1429



112.3000, -21.8399, 4.9989

# Complementary

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



96.3300, 25.9663, -68.6954



70.6700, -25.9663, 68.6954

# 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.



114.5950, -22.4783, 23.1572



96.3300, 25.9663, -68.6954



117.1190, -6.9607, 39.3606

# Square

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



96.3300, 25.9663, -68.6954



118.1000, 15.2337, 13.9443



116.1650, -16.8433, 35.8123



109.2310, -13.9179, -15.9886



# Rectangle

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



96.3300, 25.9663, -68.6954



113.2850, 24.5095, -21.2979



116.1650, -16.8433, 35.8123



112.8170, -22.5878, 11.5615

# Sweetspot

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



96.3300, 25.9663, -68.6954



173.4680, 10.1223, -26.7204



97.4050, -28.3007, -69.6382



85.0950, 5.8692, -15.8693



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



96.3300, 25.9663, -68.6954



116.0360, 38.4363, -101.7636



58.7620, 44.4873, -35.7483



71.3200, 1.3212, -3.7886



82.6500, 27.2876, -72.4840



5.8360, 2.0529, -5.1182



# Inverse Universe

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



69.4810, 27.8639, 69.7382



76.2460, 41.2907, 103.2703



108.2380, -44.4873, 35.7483



69.7770, 1.5889, 3.7036



54.2580, 29.4528, 73.4417



3.9020, 2.0203, 5.3479



# Previews

## White Background



This preview shows how the YUV color 96.3300, 25.9663, -68.6954 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 96.3300, 25.9663, -68.6954 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

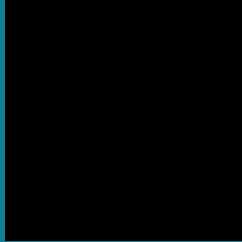
Any Text WCAG AA × Fail

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 96.3300, 25.9663, -68.6954 Background



This preview shows how black text looks on a background with the YUV color 96.3300, 25.9663, -68.6954.



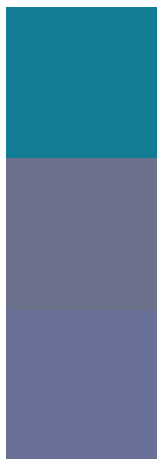
This preview shows how white text looks on a background with the YUV color 96.3300, 25.9663,



# 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

96.3300, 25.9663, -68.6954

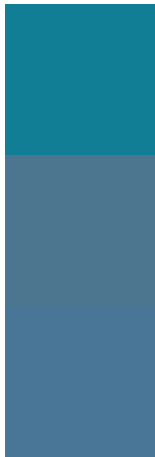
### Protanopia

115.4690, 12.0938, -5.6733

### Deuteranopia

115.0540, 18.2144, -8.8174

# Trichromacy



## Original Color

96.3300, 25.9663, -68.6954

## Protanomaly

108.2920, 17.1110, -28.3201

## Deuteranomaly

108.3070, 21.0476, -30.9642

# Monochromacy



## Original Color

96.3300, 25.9663, -68.6954

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

96.2510, 9.2433, -24.7761

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.3300, 25.9663, -68.6954 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(18, 126, 149)` looks like.

```
.text, #text, p{  
    color:rgb(18, 126, 149)  
}
```

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(18, 126, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 126, 149) }
```

## Border

The CSS property to change the border of an element to YUV 96.3300, 25.9663, -68.6954 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(18, 126, 149) }
```

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

```
.border{ border-color:rgb(18, 126, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 126, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 126, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 126, 149);  
box-shadow:4px 4px 4px 4px rgb(18, 126,  
149) }
```



# Background

The CSS property to change the background color of an element to YUV 96.3300, 25.9663, -68.6954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 126, 149) }
```

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

```
.background{ background-color: rgb(18, 126,  
149) }
```

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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