

# Converting Colors

YUV(74.8300, 7.4788, -65.6259)

Have a look what the booklet for  
YUV(74.8300, 7.4788, -65.6259)  
contains.

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# Color

**YUV(74.8300, 7.4788,  
-65.6259)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006E5A
RGB	0, 110, 90
RGB Percent	0%, 43%, 35%
CMY	1.0000, 0.5686, 0.6471
CMYK	1.00, 0.00, 0.18, 0.57
HSL	169°, 100%, 22%
HSV	169°, 100%, 43%
XYZ	7.4214, 11.8900, 11.5767
YIQ	74.8300, -59.1400, -29.5400

# Conversions

## Conversions Part 2

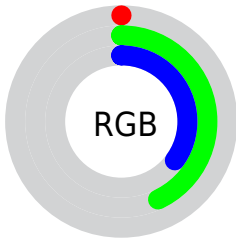
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 61, 110
Decimal	28250
CIELab	41.04, -32.16, 3.60
CIELCh	41, 32.359, 173.616
Yxy	11.8900, 0.2403, 0.3849
Android (android.graphics.Color)	4278218330 (0xFF006E5A)
YUV	74.8300, 7.4788, -65.6259
Hunter-Lab	34.4819, -21.9257, 4.2318

# Details

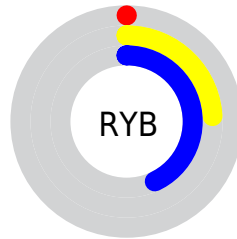
The YUV color **74.8300, 7.4788, -65.6259** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **35.1700, -7.4788, 65.6259**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1800, 3.3623, -51.9009**, and **40.9370, 2.0031, -35.9017** is the 20% darker color. If you saturate the color by 10%, you get **74.8300, 7.4788, -65.6259**, and if you desaturate by 10%, it is **78.3470, 6.7309, -59.0633**.

# Distribution



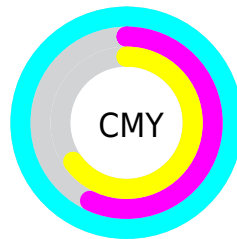
- Red (0%)
- Green (43%)
- Blue (35%)



- Red (0%)
- Yellow (24%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (65%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.8300, 7.4788, -65.6259 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 74.8300, 7.4788, -65.6259 by changing the saturation by 10% instead.



74.8300, 7.4788,  
-65.6259

74.8300, 7.4788,  
-65.6259

255.0000, 0.0000,  
0.0000

57.5330, 4.6672,  
-50.4564

133.1800, 3.3623,  
-51.9009

40.9370, 2.0031,  
-35.9017

160.9520, 2.4887,  
-51.7009

25.6290, -0.8031,  
-22.4766

188.5390, 2.1993,  
-52.2157

4.1090, -2.0257,  
-3.6036

216.5390, 2.1993,  
-52.2157

0.0000, 0.0000,  
0.0000

233.7990, 7.9871,  
-41.9197

243.0400, 5.8963,

-24.5911

251.7110, 1.6215,  
-6.7625

74.8300, 7.4788,  
-65.6259

78.3470, 6.7309,  
-59.0633

81.8640, 5.9830,  
-52.5007

85.3810, 5.2352,  
-45.9381

88.8980, 4.4873,  
-39.3755

92.4150, 3.7394,  
-32.8130

■ 95.9320, 2.9915,  
-26.2504

■ 99.4490, 2.2436,  
-19.6878

■ 102.9660, 1.4958,  
-13.1252

■ 106.4830, 0.7479,  
-6.5626

# Harmonies

## Analogous

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



88.0450, -11.8542, -24.5955



74.8300, 7.4788, -65.6259



77.9080, 19.2724, -68.3253

# Triad

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



74.8300, 7.4788, -65.6259



97.4440, 23.4451, -6.5284



96.5410, -20.4797, 35.4825

# Complementary

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



74.8300, 7.4788, -65.6259



35.1700, -7.4788, 65.6259

# 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.



97.3430, -10.0291, 43.5492



74.8300, 7.4788, -65.6259



99.9160, 14.3384, 21.1217

# Square

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



74.8300, 7.4788, -65.6259



86.7380, 30.6952, -45.3742



98.6380, 2.6435, 38.9055



94.7750, -25.5251, 20.3683



# Rectangle

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



74.8300, 7.4788, -65.6259



79.1450, 26.5505, -69.4102



98.6380, 2.6435, 38.9055



96.9590, -17.7278, 39.5010

# Sweetspot

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



74.8300, 7.4788, -65.6259



129.2310, 2.8441, -25.6356



70.5500, -34.7811, -44.3323



63.0690, 1.9380, -14.9695



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



74.8300, 7.4788, -65.6259



97.2790, 9.7225, -85.3137



56.5650, 26.3435, -49.6075



54.0920, 0.4476, -3.5887



81.6120, 8.0793, -71.5737



168.0170, 16.7536, -147.3509



# Inverse Universe

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



35.1700, -7.4788, 65.6259



45.7210, -9.7225, 85.3137



53.4350, -26.3435, 49.6075



52.0220, -0.0108, 3.4887



38.3880, -8.0793, 71.5737



78.9830, -16.7536, 147.3509



# Previews

## White Background



This preview shows how the YUV color 74.8300, 7.4788, -65.6259 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 74.8300, 7.4788, -65.6259 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 74.8300, 7.4788, -65.6259**

## **Background**



This preview shows how black text looks on a background with the YUV color 74.8300, 7.4788, -65.6259.



This preview shows how white text looks on a background with the YUV color 74.8300, 7.4788, -65.6259.



# 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

74.8300, 7.4788, -65.6259

### Protanopia

96.0130, -6.4154, 4.3736

### Deuteranopia

97.3000, -1.6269, 8.5069



## Tritanopia

85.4870, 14.5499, -46.9081

# Trichromacy



## Original Color

74.8300, 7.4788, -65.6259

## Protanomaly

88.2270, -1.0979, -21.2471

## Deuteranomaly

89.0470, 1.9488, -18.4582

## Tritanomaly

81.4600, 12.0982, -53.9004

# Monochromacy



## Original Color

74.8300, 7.4788, -65.6259

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

75.1280, 2.4019, -23.7913

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.8300, 7.4788, -65.6259 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(0, 110, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 90)  
}
```

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(0, 110, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 90) }
```

## Border

The CSS property to change the border of an element to YUV 74.8300, 7.4788, -65.6259 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(0, 110, 90) }
```



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

```
.border{ border-color:rgb(0, 110, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 90);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 90)  
}
```

# Background

The CSS property to change the background color of an element to YUV 74.8300, 7.4788, -65.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 90) }
```

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

```
.background{ background-color: rgb(0, 110,  
90) }
```

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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