

# Converting Colors

YUV(93.0630, 27.5769,  
-71.9693)

Have a look what the booklet for  
YUV(93.0630, 27.5769, -71.9693)  
contains.

<b>YUV(93.0630, 27.5769, -71.9693)</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(93.0630, 27.5769,  
-71.9693)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B7C95
RGB	11, 124, 149
RGB Percent	4%, 49%, 58%
CMY	0.9569, 0.5137, 0.4157
CMYK	0.93, 0.17, 0.00, 0.42
HSL	191°, 86%, 31%
HSV	191°, 93%, 58%
XYZ	12.7705, 16.6564, 30.9757
YIQ	93.0630, -75.3730, -16.1810

# Conversions

## Conversions Part 2

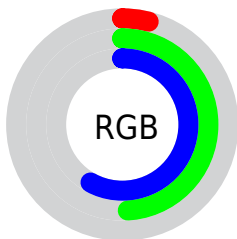
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 73, 149
Decimal	752789
CIELab	47.82, -19.01, -21.50
CIELCh	48, 28.699, 228.507
Yxy	16.6564, 0.2114, 0.2758
Android (android.graphics.Color)	4278942869 (0xFF0B7C95)
YUV	93.0630, 27.5769, -71.9693
Hunter-Lab	40.8122, -15.5673, -16.4314

# Details

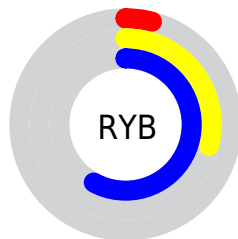
The YUV color **93.0630, 27.5769, -71.9693** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **66.9370, -27.5769, 71.9693**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3530, 24.4760, -57.3146**, and **55.1970, 21.1019, -48.4078** is the 20% darker color. If you saturate the color by 10%, you get **88.6000, 29.7772, -77.7022**, and if you desaturate by 10%, it is **99.3090, 24.4977, -64.2920**.

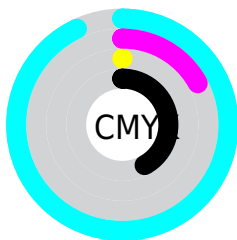
# Distribution



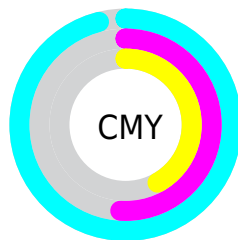
- Red (4%)
- Green (49%)
- Blue (58%)



- Red (4%)
- Yellow (29%)
- Blue (58%)



- Cyan (93%)
- Magenta (17%)
- Yellow (0%)
- Black (42%)



- Cyan (96%)
- Magenta (51%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.0630, 27.5769, -71.9693 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 93.0630, 27.5769, -71.9693 by changing the saturation by 10% instead.



93.0630, 27.5769,  
-71.9693

93.0630, 27.5769,  
-71.9693

255.0000, 0.0000,  
0.0000

72.1350, 25.0764,  
-63.2624

153.3530, 24.4760,  
-57.3146

55.1970, 21.1019,  
-48.4078

181.0650, 24.6180,  
-56.1850

38.9600, 17.2747,  
-34.1679

208.9080, 22.7234,  
-55.1703

24.5980, 13.0162,  
-21.5724

231.3790, 11.6452,  
-48.5674

4.7080, 12.9620,  
-4.1289

240.0500, 7.3704,  
-30.7388

0.1140, 0.4368,  
-0.1000

249.0200, 2.9481,

0.0000, 0.0000,

-12.2955

0.0000

■ 93.0630, 27.5769,  
-71.9693

■ 93.0630, 27.5769,  
-71.9693

■ 88.6000, 29.7772,  
-77.7022

■ 99.3090, 24.4977,  
-64.2920

■ 104.9680, 21.7078,  
-56.0999

■ 111.2140, 18.6285,  
-48.4227

■ 117.4600, 15.5492,  
-40.7454

■ 123.1190, 12.7593,  
-32.5534

■ 129.0660, 9.8275,  
-25.4909

■ 135.3120, 6.7482,  
-17.8136

■ 141.5580, 3.6689,  
-10.1364

■ 147.2170, 0.8790,  
-1.9443

# Harmonies

## Analogous

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



92.7400, 17.3832, -69.0550



93.0630, 27.5769, -71.9693



106.3320, 26.4583, -39.7562

# Triad

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



93.0630, 27.5769, -71.9693



116.8330, 3.5333, 33.4725



110.4030, -21.3977, 3.1546

# Complementary

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



93.0630, 27.5769, -71.9693



66.9370, -27.5769, 71.9693

# 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.



112.7690, -23.0571, 22.1276



93.0630, 27.5769, -71.9693



115.1900, -7.9817, 40.1754

# Square

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



93.0630, 27.5769, -71.9693



116.8830, 14.3547, 15.8886



114.2250, -17.8589, 34.8827



107.4480, -13.0389, -17.9329



# Rectangle

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



93.0630, 27.5769, -71.9693



112.1820, 24.0673, -19.4536



114.2250, -17.8589, 34.8827



111.1050, -22.7298, 10.4319

# Sweetspot

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



93.0630, 27.5769, -71.9693



171.9840, 10.8539, -28.0500



94.6280, -29.8896, -73.3418



83.6110, 6.6008, -17.1988



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.



93.0630, 27.5769, -71.9693



115.4490, 38.7256, -101.2488



53.7340, 46.9661, -37.4777



71.3200, 1.3212, -3.7886



82.0630, 27.5769, -71.9693



5.8360, 2.0529, -5.1182



# Inverse Universe

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



65.1440, 29.0160, 73.5417



76.1320, 40.8539, 103.3702



106.2660, -46.9661, 37.4777



69.7770, 1.5889, 3.7036



54.1440, 29.0160, 73.5417



3.9020, 2.0203, 5.3479



# Previews

## White Background



This preview shows how the YUV color 93.0630, 27.5769, -71.9693 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 93.0630, 27.5769, -71.9693 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

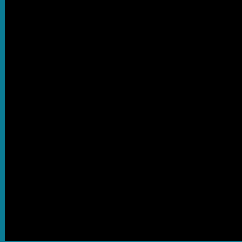
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 93.0630, 27.5769, -71.9693

## Background



This preview shows how black text looks on a background with the YUV color 93.0630, 27.5769, -71.9693.



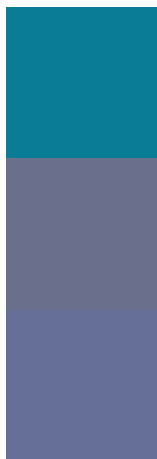
This preview shows how white text looks on a background with the YUV color 93.0630, 27.5769, -71.9693.

-71.9693.

# 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

93.0630, 27.5769, -71.9693

### Protanopia

113.3980, 13.1148, -6.4880

### Deuteranopia

112.9830, 19.2354, -9.6321



## Tritanopia

89.4660, 22.9413, -78.4617

# Trichromacy



## Original Color

93.0630, 27.5769, -71.9693

## Protanomaly

105.6230, 18.4269, -30.3644

## Deuteranomaly

105.9370, 22.2161, -32.3937

## Tritanomaly

90.6450, 24.8250, -75.9877

# Monochromacy



## Original Color

93.0630, 27.5769, -71.9693

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

92.7670, 9.9749, -26.1057

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.0630, 27.5769, -71.9693 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(11, 124, 149)` looks like.

```
.text, #text, p{  
    color:rgb(11, 124, 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(11, 124, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 124, 149) }
```

## Border

The CSS property to change the border of an element to YUV 93.0630, 27.5769, -71.9693 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(11, 124, 149) }
```



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

```
.border{ border-color:rgb(11, 124, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 124, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 124, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 124, 149);  
box-shadow:4px 4px 4px 4px rgb(11, 124,  
149) }
```

# Background

The CSS property to change the background color of an element to YUV 93.0630, 27.5769, -71.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 124, 149) }
```

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

```
.background{ background-color: rgb(11, 124,  
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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