

# Converting Colors

YUV(93.6770, 3.1172, -19.8877)

Have a look what the booklet for  
YUV(93.6770, 3.1172, -19.8877)  
contains.

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# Color

**YUV(93.6770, 3.1172,  
-19.8877)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	476864
RGB	71, 104, 100
RGB Percent	28%, 41%, 39%
CMY	0.7216, 0.5922, 0.6078
CMYK	0.32, 0.00, 0.04, 0.59
HSL	173°, 19%, 34%
HSV	173°, 32%, 41%
XYZ	9.8491, 12.1603, 13.8847
YIQ	93.6770, -18.3840, -8.2400

# Conversions

## Conversions Part 2

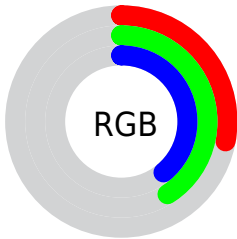
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 89, 104
Decimal	4679780
CIELab	41.47, -12.87, -1.58
CIElCh	41, 12.962, 187.008
Yxy	12.1603, 0.2744, 0.3388
Android (android.graphics.Color)	4282869860 (0xFF476864)
YUV	93.6770, 3.1172, -19.8877
Hunter-Lab	34.8717, -10.6101, 0.8030

# Details

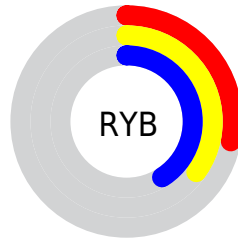
The YUV color **93.6770, 3.1172, -19.8877** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81.3230, -3.1172, 19.8877**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3780, 3.2646, -20.5025**, and **46.9760, 2.9698, -19.2730** is the 20% darker color. If you saturate the color by 10%, you get **90.5730, 4.1545, -25.9355**, and if you desaturate by 10%, it is **96.7810, 2.0800, -13.8399**.

# Distribution



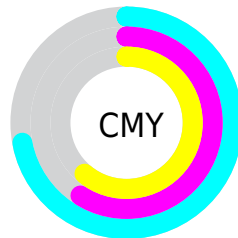
- Red (28%)
- Green (41%)
- Blue (39%)



- Red (28%)
- Yellow (35%)
- Blue (41%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (59%)



- Cyan (72%)
- Magenta (59%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.6770, 3.1172, -19.8877 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 93.6770, 3.1172, -19.8877 by changing the saturation by 10% instead.



93.6770, 3.1172,  
-19.8877

93.6770, 3.1172,  
-19.8877

255.0000, 0.0000,  
0.0000

69.6770, 3.1172,  
-19.8877

144.3780, 3.2646,  
-20.5025

46.9760, 2.9698,  
-19.2730

170.9650, 2.9753,  
-21.0173

24.7910, 3.5540,  
-19.9877

198.6660, 3.1227,  
-21.6321

6.8960, 1.0373,  
-6.0478

226.3670, 3.2701,  
-22.2469

0.0000, 0.0000,  
0.0000

247.5250, 3.6852,  
-15.3694

■ 93.6770, 3.1172,  
-19.8877

■ 93.6770, 3.1172,  
-19.8877

■ 90.5730, 4.1545,  
-25.9355

■ 96.7810, 2.0800,  
-13.8399

■ 87.0560, 4.9024,  
-32.4981

■ 100.2980, 1.3321,  
-7.2773

■ 83.9520, 5.9397,  
-38.5459

■ 103.4020, 0.2948,  
-1.2296

■ 80.5490, 7.1243,  
-45.2085

■ 106.8050, -0.8899,  
5.4330

■ 77.4450, 8.1616,  
-51.2563

■ 109.9090, -1.9271,  
11.4808

■ 74.2270, 8.7621,  
-57.2041

■ 113.1270, -2.5276,  
17.4286

■ 71.4220, 9.6520,  
-62.6371

■ 116.5300, -3.7123,  
24.0912

■ 119.6340, -4.7496,

30.1390

■ 123.0370, -5.9342,  
36.8016

# Harmonies

## Analogous

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



94.5270, -2.7248, -12.7402



93.6770, 3.1172, -19.8877



93.6320, 8.0694, -21.6023

# Triad

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



93.6770, 3.1172, -19.8877



99.0850, 7.8461, 3.4335



97.9710, -9.3527, 13.1804

# Complementary

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



93.6770, 3.1172, -19.8877



81.3230, -3.1172, 19.8877

# 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.



98.6880, -6.7482, 17.8136



93.6770, 3.1172, -19.8877



99.5870, 3.1616, 12.6402

# Square

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



93.6770, 3.1172, -19.8877



97.7030, 10.4994, -7.6325



99.6540, -1.8014, 17.8434



97.1010, -9.9098, 5.1734



# Rectangle

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



93.6770, 3.1172, -19.8877



94.8110, 9.9532, -19.1282



99.6540, -1.8014, 17.8434



98.3950, -9.0687, 15.4396

# Sweetspot

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



93.6770, 3.1172, -19.8877



130.9990, 1.4795, -7.8921



91.5670, -10.1395, -14.5293



66.4940, 0.7425, -4.8182



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



93.6770, 3.1172, -19.8877



119.0670, 4.8970, -30.7538



87.0890, 8.3371, -14.1101



49.3910, 0.3002, -2.9739



79.0190, 10.8366, -69.2997



166.3360, 23.0054, -145.8767



# Inverse Universe

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



81.3230, -3.1172, 19.8877



99.9330, -4.8970, 30.7538



87.9110, -8.3371, 14.1101



47.6090, -0.3002, 2.9739



35.9810, -10.8366, 69.2997



75.6640, -23.0054, 145.8767



# Previews

## White Background



This preview shows how the YUV color 93.6770, 3.1172, -19.8877 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 93.6770, 3.1172, -19.8877 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

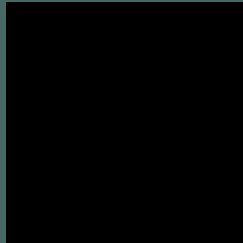
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 93.6770, 3.1172, -19.8877**

## **Background**



This preview shows how black text looks on a background with the YUV color 93.6770, 3.1172, -19.8877.



This preview shows how white text looks on a background with the YUV color 93.6770, 3.1172, -19.8877.

-19.8877.

# 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

93.6770, 3.1172, -19.8877

### Protanopia

97.7830, -0.8790, 1.9443

### Deuteranopia

98.7880, 1.5835, 5.4479



## Tritanopia

94.3550, 8.2060, -18.7283

# Trichromacy



## Original Color

93.6770, 3.1172, -19.8877

## Protanomaly

96.3690, 0.3111, -6.4626

## Deuteranomaly

96.8470, 2.0474, -3.3738

## Tritanomaly

94.1870, 6.3168, -19.4580

# Monochromacy



## Original Color

93.6770, 3.1172, -19.8877

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

94.1840, 0.8953, -7.1774

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.6770, 3.1172, -19.8877 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(71, 104, 100)` looks like.

```
.text, #text, p{  
    color:rgb(71, 104, 100)  
}
```

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(71, 104, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 104, 100) }
```

## Border

The CSS property to change the border of an element to YUV 93.6770, 3.1172, -19.8877 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(71, 104, 100) }
```



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

```
.border{ border-color:rgb(71, 104, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 104, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 104, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 104, 100);  
box-shadow:4px 4px 4px 4px rgb(71, 104,  
100) }
```

# Background

The CSS property to change the background color of an element to YUV 93.6770, 3.1172, -19.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 104, 100) }
```

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

```
.background{ background-color: rgb(71, 104,  
100) }
```

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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