

# Converting Colors

YUV(105.6770, 3.1172,  
-19.8877)

Have a look what the booklet for  
YUV(105.6770, 3.1172, -19.8877)  
contains.

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# Color

**YUV(105.6770, 3.1172,  
-19.8877)**

# Conversions

## Conversions Part 1

Format	Color
Hex	537470
RGB	83, 116, 112
RGB Percent	33%, 45%, 44%
CMY	0.6745, 0.5451, 0.5608
CMYK	0.28, 0.00, 0.03, 0.55
HSL	173°, 17%, 39%
HSV	173°, 28%, 45%
XYZ	12.7373, 15.4996, 17.6496
YIQ	105.6770, -18.3840, -8.2400

# Conversions

## Conversions Part 2

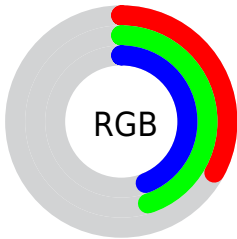
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 101, 116
Decimal	5469296
CIE <sub>Lab</sub>	46.31, -12.71, -1.62
CIE <sub>LCh</sub>	46, 12.816, 187.245
Yxy	15.4996, 0.2776, 0.3378
Android (android.graphics.Color)	4283659376 (0xFF537470)
<b>YUV</b>	105.6770, 3.1172, -19.8877
Hunter-Lab	39.3696, -11.1464, 0.9786

# Details

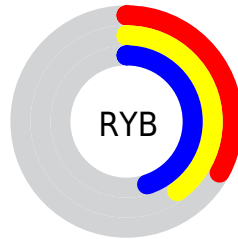
The YUV color **105.6770, 3.1172, -19.8877** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **93.3230, -3.1172, 19.8877**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0790, 3.4121, -21.1173**, and **57.9760, 2.9698, -19.2730** is the 20% darker color. If you saturate the color by 10%, you get **101.9750, 4.4493, -27.1651**, and if you desaturate by 10%, it is **109.3790, 1.7852, -12.6104**.

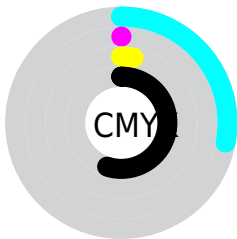
# Distribution



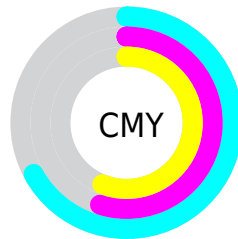
- Red (33%)
- Green (45%)
- Blue (44%)



- Red (33%)
- Yellow (40%)
- Blue (45%)



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (67%)
- Magenta (55%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 105.6770, 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 105.6770, 3.1172, -19.8877 by changing the saturation by 10% instead.



■ 105.6770, 3.1172,  
-19.8877

■ 105.6770, 3.1172,  
-19.8877

■ 255.0000, 0.0000,  
0.0000

■ 81.0900, 3.4066,  
-19.3729

■ 157.0790, 3.4121,  
-21.1173

■ 57.9760, 2.9698,  
-19.2730

■ 184.0790, 3.4121,  
-21.1173

■ 35.0900, 3.4066,  
-19.3729

■ 211.7800, 3.5595,  
-21.7321

■ 17.7700, 2.0854,  
-15.5843

■ 240.3670, 3.2701,  
-22.2469

■ 0.0000, 0.0000,  
0.0000

■ 251.7110, 1.6215,  
-6.7625

■ 105.6770, 3.1172,  
-19.8877

■ 105.6770, 3.1172,  
-19.8877

■ 101.9750, 4.4493,  
-27.1651

■ 109.3790, 1.7852,  
-12.6104

■ 98.4580, 5.1972,  
-33.7277

■ 112.8960, 1.0373,  
-6.0478

■ 94.7560, 6.5293,  
-41.0050

■ 116.5980, -0.2948,  
1.2296

■ 91.2390, 7.2772,  
-47.5676

■ 120.1150, -1.0427,  
7.7921

■ 87.5370, 8.6093,  
-54.8449

■ 123.8170, -2.3748,  
15.0695

■ 83.8350, 9.9413,  
-62.1223

■ 127.5190, -3.7069,  
22.3468

■ 80.3180, 10.6892,  
-68.6849

■ 131.0360, -4.4547,  
28.9094

■ 79.7200, 10.9840,

■ 134.7380, -5.7868,

-69.9144

36.1868

■ 138.2550, -6.5347,  
42.7494

# Harmonies

## Analogous

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



106.5270, -2.7248, -12.7402



105.6770, 3.1172, -19.8877



105.6320, 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.



105.6770, 3.1172, -19.8877



111.0850, 7.8461, 3.4335



109.8570, -9.7895, 13.2804

# Complementary

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



105.6770, 3.1172, -19.8877



93.3230, -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.



110.6880, -6.7482, 17.8136



105.6770, 3.1172, -19.8877



111.5870, 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.



105.6770, 3.1172, -19.8877



109.7030, 10.4994, -7.6325



111.5400, -2.2382, 17.9434



108.9870, -10.3466, 5.2734



# Rectangle

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



105.6770, 3.1172, -19.8877



106.8110, 9.9532, -19.1282



111.5400, -2.2382, 17.9434



110.3950, -9.0687, 15.4396

# Sweetspot

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



105.6770, 3.1172, -19.8877



145.9990, 1.4795, -7.8921



103.5670, -10.1395, -14.5293



74.0810, 0.4531, -5.3330



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



105.6770, 3.1172, -19.8877



134.0670, 4.8970, -30.7538



99.0890, 8.3371, -14.1101



57.0920, 0.4476, -3.5887



83.9260, 11.8685, -73.6031



171.8300, 23.7478, -150.6949



# Inverse Universe

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



93.3230, -3.1172, 19.8877



114.9330, -4.8970, 30.7538



99.9110, -8.3371, 14.1101



54.7940, -0.8844, 3.6887



38.1880, -11.4317, 73.5031



78.1700, -23.7478, 150.6949



# Previews

## White Background



This preview shows how the YUV color 105.6770, 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 105.6770, 3.1172, -19.8877 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

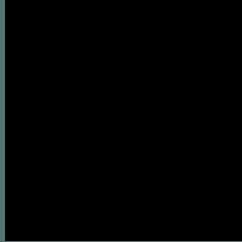
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 105.6770, 3.1172, -19.8877

## Background



This preview shows how black text looks on a background with the YUV color 105.6770, 3.1172, -19.8877.



This preview shows how white text looks on a background with the YUV color 105.6770, 3.1172,

-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

105.6770, 3.1172, -19.8877

### Protanopia

109.7830, -0.8790, 1.9443

### Deuteranopia

110.5000, 1.7255, 6.5775



## Tritanopia

106.6540, 8.0586, -18.1136

# Trichromacy



## Original Color

105.6770, 3.1172, -19.8877

## Protanomaly

108.3690, 0.3111, -6.4626

## Deuteranomaly

108.8470, 2.0474, -3.3738

## Tritanomaly

106.4860, 6.1694, -18.8432

# Monochromacy



## Original Color

105.6770, 3.1172, -19.8877

## Achromatopsia

106.0000, 0.0000, 0.0000

## Achromatomaly

106.1840, 0.8953, -7.1774

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 105.6770, 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(83, 116, 112)` looks like.

```
.text, #text, p{  
    color:rgb(83, 116, 112)  
}
```

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(83, 116, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 116, 112) }
```

## Border

The CSS property to change the border of an element to YUV 105.6770, 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(83, 116, 112) }
```



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

```
.border{ border-color:rgb(83, 116, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 116, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 116, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 116, 112);  
box-shadow:4px 4px 4px 4px rgb(83, 116,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 105.6770, 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(83, 116, 112) }
```

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

```
.background{ background-color: rgb(83, 116,  
112) }
```

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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