

# Converting Colors

YUV(107.7740, 6.0274,  
-19.9728)

Have a look what the booklet for  
YUV(107.7740, 6.0274, -19.9728)  
contains.

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# Color

**YUV(107.7740, 6.0274,  
-19.9728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	557578
RGB	85, 117, 120
RGB Percent	33%, 46%, 47%
CMY	0.6667, 0.5412, 0.5294
CMYK	0.29, 0.03, 0.00, 0.53
HSL	185°, 17%, 40%
HSV	185°, 29%, 47%
XYZ	13.4978, 16.0099, 20.1481
YIQ	107.7740, -20.0350, -5.8510

# Conversions

## Conversions Part 2

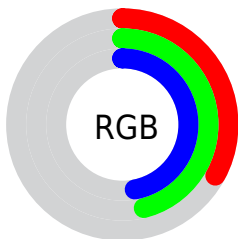
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 102, 120
Decimal	5600632
CIE <sub>Lab</sub>	46.99, -10.64, -5.37
CIE <sub>LCh</sub>	47, 11.915, 206.790
Yxy	16.0099, 0.2718, 0.3224
Android (android.graphics.Color)	4283790712 (0xFF557578)
YUV	107.7740, 6.0274, -19.9728
Hunter-Lab	40.0124, -9.8067, -1.8466

# Details

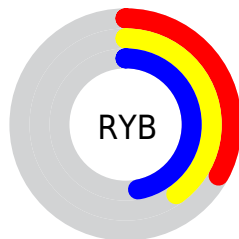
The YUV color **107.7740, 6.0274, -19.9728** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **97.2260, -6.0274, 19.9728**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4750, 6.1748, -20.5876**, and **60.0730, 5.8800, -19.3580** is the 20% darker color. If you saturate the color by 10%, you get **103.5990, 8.0857, -26.8353**, and if you desaturate by 10%, it is **111.9490, 3.9691, -13.1103**.

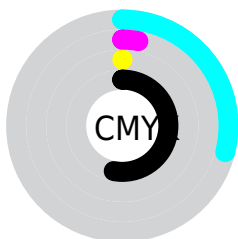
# Distribution



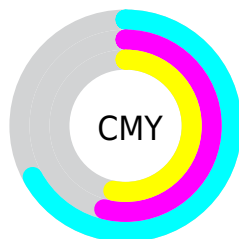
- Red (33%)
- Green (46%)
- Blue (47%)



- Red (33%)
- Yellow (40%)
- Blue (47%)



- Cyan (29%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (67%)
- Magenta (54%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 107.7740, 6.0274, -19.9728 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 107.7740, 6.0274, -19.9728 by changing the saturation by 10% instead.



■ 107.7740, 6.0274,  
-19.9728

■ 107.7740, 6.0274,  
-19.9728

■ 255.0000, 0.0000,  
0.0000

■ 83.0730, 5.8800,  
-19.3580

■ 159.4750, 6.1748,  
-20.5876

■ 60.0730, 5.8800,  
-19.3580

■ 186.2900, 6.7590,  
-21.3023

■ 36.7740, 6.0274,  
-19.9728

■ 214.2900, 6.7590,  
-21.3023

■ 18.4540, 4.7062,  
-16.1842

■ 242.7630, 6.0328,  
-21.7172

■ 0.0000, 0.0000,  
0.0000

■ 252.3090, 1.3267,  
-5.5330

■ 107.7740, 6.0274,  
-19.9728

■ 107.7740, 6.0274,  
-19.9728

■ 103.5990, 8.0857,  
-26.8353

■ 111.9490, 3.9691,  
-13.1103

■ 99.4240, 10.1440,  
-33.6978

■ 116.1240, 1.9109,  
-6.2477

■ 95.2490, 12.2022,  
-40.5604

■ 120.2990, -0.1474,  
0.6148

■ 91.0740, 14.2605,  
-47.4229

■ 124.4740, -2.2057,  
7.4773

■ 86.8990, 16.3188,  
-54.2854

■ 128.6490, -4.2640,  
14.3398

■ 82.7240, 18.3771,  
-61.1479

■ 132.8240, -6.3222,  
21.2024

■ 78.5490, 20.4353,  
-68.0105

■ 136.9990, -8.3805,  
28.0649

■ 78.2500, 20.5828,

■ 141.1740,

-68.6252

-10.4388, 34.9274

■ 145.3490,  
-12.4971, 41.7899

# Harmonies

## Analogous

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



107.8300, 1.0698, -16.5139



107.7740, 6.0274, -19.9728



108.7080, 9.5110, -17.2839

# Triad

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



107.7740, 6.0274, -19.9728



112.9070, 4.4828, 8.8516



110.9380, -9.3364, 7.9474

# Complementary

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



107.7740, 6.0274, -19.9728



97.2260, -6.0274, 19.9728

# 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.



112.2100, -8.4845, 14.7248



107.7740, 6.0274, -19.9728



113.6860, -0.3382, 15.1844

# Square

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



107.7740, 6.0274, -19.9728



112.1770, 8.2937, -0.1552



112.8450, -4.8536, 16.7989



110.4100, -8.5831, -0.3596



# Rectangle

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



107.7740, 6.0274, -19.9728



110.2570, 10.2263, -13.3804



112.8450, -4.8536, 16.7989



111.5470, -9.6367, 10.9213

# Sweetspot

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



107.7740, 6.0274, -19.9728



150.6400, 2.6425, -7.5773



105.8870, -8.8183, -18.3179



75.7220, 1.6161, -5.0182



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



107.7740, 6.0274, -19.9728



136.6200, 9.5543, -31.2387



97.7950, 10.9471, -11.2212



59.2060, 0.8844, -3.6887



81.1680, 21.6092, -71.1843



164.3250, 43.2238, -144.1130



# Inverse Universe

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



99.1130, 8.8183, 18.3179



123.1450, 13.7325, 28.8138



107.2050, -10.9471, 11.2212



57.4780, 1.7363, 3.0888



50.3710, 31.3691, 65.4496



101.6820, 63.7538, 131.8289



# Previews

## White Background



This preview shows how the YUV color 107.7740, 6.0274, -19.9728 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 107.7740, 6.0274, -19.9728 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

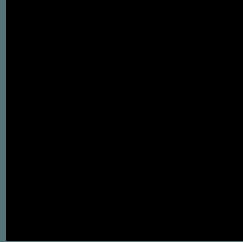
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 107.7740, 6.0274, -19.9728

## Background



This preview shows how black text looks on a background with the YUV color 107.7740, 6.0274, -19.9728.



This preview shows how white text looks on a background with the YUV color 107.7740, 6.0274, -19.9728.

-19.9728.

# 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

107.7740, 6.0274, -19.9728

### Protanopia

111.2820, 2.3260, 0.6297

### Deuteranopia

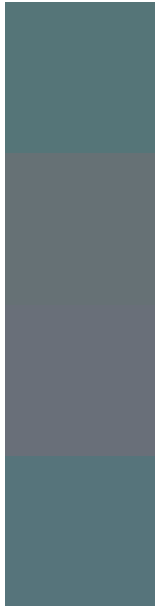
112.2870, 4.7885, 4.1333



## Tritanopia

108.0560, 8.3534, -19.3431

# Trichromacy



## Original Color

107.7740, 6.0274, -19.9728

## Protanomaly

110.1670, 3.3687, -7.1625

## Deuteranomaly

110.3460, 5.2524, -4.6884

## Tritanomaly

107.8280, 7.4798, -19.1432

# Monochromacy



## Original Color

107.7740, 6.0274, -19.9728

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

107.8250, 2.0583, -6.8625

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.7740, 6.0274, -19.9728 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(85, 117, 120)` looks like.

```
.text, #text, p{  
    color:rgb(85, 117, 120)  
}
```

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(85, 117, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 117, 120) }
```

## Border

The CSS property to change the border of an element to YUV 107.7740, 6.0274, -19.9728 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(85, 117, 120) }
```



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

```
.border{ border-color:rgb(85, 117, 120) }
```

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

Here you see how a box with a 4 pixel rgb(85, 117, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 117, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 117, 120);  
box-shadow:4px 4px 4px 4px rgb(85, 117,  
120) }
```

# Background

The CSS property to change the background color of an element to YUV 107.7740, 6.0274, -19.9728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 117, 120) }
```

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

```
.background{ background-color: rgb(85, 117,  
120) }
```

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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