

# Converting Colors

YUV(38.9780, -6.8912, -29.7987)

Have a look what the booklet for  
YUV(38.9780, -6.8912, -29.7987)  
contains.

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# Color

**YUV(38.9780, -6.8912,  
-29.7987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	053B19
RGB	5, 59, 25
RGB Percent	2%, 23%, 10%
CMY	0.9804, 0.7686, 0.9020
CMYK	0.92, 0.00, 0.58, 0.77
HSL	142°, 84%, 13%
HSV	142°, 92%, 23%
XYZ	1.8020, 3.2304, 1.4483
YIQ	38.9780, -21.2700, -22.0220

# Conversions

## Conversions Part 2

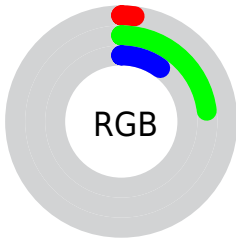
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 44, 59
Decimal	342809
CIELab	20.94, -25.92, 16.31
CIELCh	21, 30.621, 147.817
Yxy	3.2304, 0.2781, 0.4985
Android (android.graphics.Color)	4278532889 (0xFF053B19)
YUV	38.9780, -6.8912, -29.7987
Hunter-Lab	17.9733, -13.5566, 7.8038

# Details

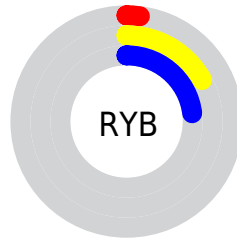
The YUV color **38.9780, -6.8912, -29.7987** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **25.0220, 6.8912, 29.7987**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.0170, -9.3754, -26.3249**, and **3.5220, -1.7363, -3.0888** is the 20% darker color. If you saturate the color by 10%, you get **37.1410, -7.4645, -32.5727**, and if you desaturate by 10%, it is **41.2280, -6.0284, -26.5100**.

# Distribution



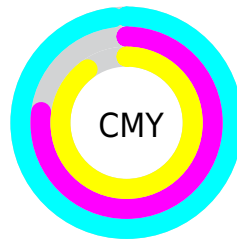
- Red (2%)
- Green (23%)
- Blue (10%)



- Red (2%)
- Yellow (17%)
- Blue (23%)



- Cyan (92%)
- Magenta (0%)
- Yellow (58%)
- Black (77%)




- Cyan (98%)
- Magenta (77%)
- Yellow (90%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 38.9780, -6.8912, -29.7987 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 38.9780, -6.8912, -29.7987 by changing the saturation by 10% instead.





 38.9780, -6.8912,  
-29.7987

 38.9780, -6.8912,  
-29.7987

 251.8960, 1.0373,  
-6.0478


 21.7190, -10.7075,  
-19.0476


 88.0170, -9.3754,  
-26.3249


 3.5220, -1.7363,  
-3.0888

 112.6040, -9.6648,  
-26.8397

 0.0000, 0.0000,  
0.0000


 138.9630,  
-10.8278, -27.1546


 165.5500,  
-11.1171, -27.6693


 192.8380,  
-11.2591, -28.7989


 220.7240,


-11.6959, -28.6989


 239.9190, -7.3551,  
-20.9770


 38.9780, -6.8912,  
-29.7987


 38.9780, -6.8912,  
-29.7987


 37.1410, -7.4645,  
-32.5727

 41.2280, -6.0284,  
-26.5100

 43.3640, -5.6025,  
-23.1212

 45.6140, -4.7397,  
-19.8325

 47.8640, -3.8770,  
-16.5437

 50.1140, -3.0142,  
-13.2550

■ 51.9510, -2.4408,  
-10.4810

■ 54.2010, -1.5781,  
-7.1923

■ 56.4510, -0.7153,  
-3.9035

■ 58.5870, -0.2894,  
-0.5148

# Harmonies

## Analogous

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



45.1140, -19.7762, -3.6080



38.9780, -6.8912, -29.7987



41.2790, 3.3135, -36.2017

# Triad

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



38.9780, -6.8912, -29.7987



42.0550, 26.5949, -36.8822



48.6410, -8.6970, 36.2718

# Complementary

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



38.9780, -6.8912, -29.7987



25.0220, 6.8912, 29.7987

# 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.



49.0890, 1.9281, 35.0019



38.9780, -6.8912, -29.7987



50.7280, 19.3611, -3.2695

# Square

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



38.9780, -6.8912, -29.7987



44.6650, 21.3642, -39.1712



51.8190, 11.4282, 21.2067



48.6540, -18.5634, 27.4904



# Rectangle

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



38.9780, -6.8912, -29.7987



42.9890, 9.8654, -37.7014



51.8190, 11.4282, 21.2067



48.5640, -5.2081, 37.2164

# Sweetspot

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



38.9780, -6.8912, -29.7987



69.1250, -3.0196, -11.5106



46.8640, -20.6390, -6.8967



33.6140, -1.2887, -6.6775



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000



# Same Dimension

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



38.9780, -6.8912, -29.7987



48.3910, -10.0528, -42.4389



42.0560, 4.9024, -32.4981



29.8750, -0.4314, -1.6444



59.1680, -11.9148, -51.8903



139.6620, -28.4274, -122.4836



# Inverse Universe

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



25.0220, 6.8912, 29.7987



28.4950, 9.6160, 42.5389



21.9440, -4.9024, 32.4981



29.0110, -0.0054, 1.7444



34.8320, 11.9148, 51.8903



82.3380, 28.4274, 122.4836



# Previews

## White Background



This preview shows how the YUV color 38.9780, -6.8912, -29.7987 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

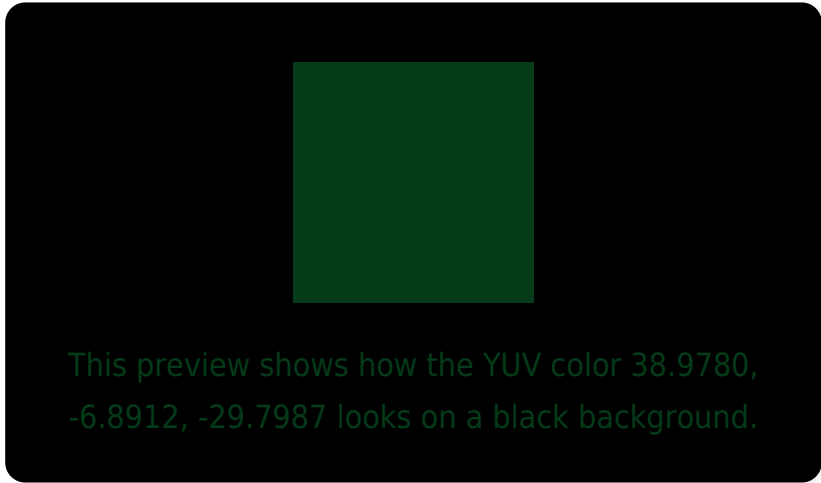
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

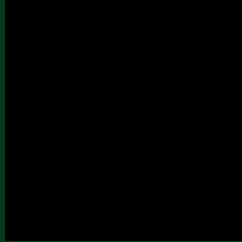
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 38.9780, -6.8912, -29.7987

## Background



This preview shows how black text looks on a background with the YUV color 38.9780, -6.8912, -29.7987.



This preview shows how white text looks on a background with the YUV color 38.9780, -6.8912, -29.7987.

-29.7987.

# 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

38.9780, -6.8912, -29.7987

### Protanopia

49.1890, -13.4042, 5.9732

### Deuteranopia

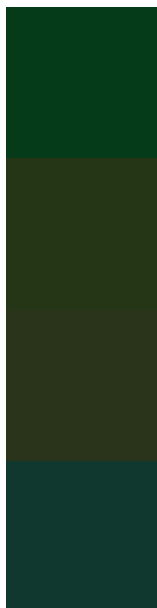
49.9060, -10.7997, 10.6064



## Tritanopia

46.3010, 6.7536, -19.5580

# Trichromacy



## Original Color

38.9780, -6.8912, -29.7987

## Protanomaly

45.3830, -11.0348, -7.3519

## Deuteranomaly

45.8610, -9.2985, -4.2631

## Tritanomaly

43.3130, 1.8177, -23.0765

# Monochromacy



## Original Color

38.9780, -6.8912, -29.7987

## Achromatopsia

39.0000, 0.0000, 0.0000

## Achromatomaly

38.9510, -2.4408, -10.4810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 38.9780, -6.8912, -29.7987 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(5, 59, 25)` looks like.

```
.text, #text, p{  
    color:rgb(5, 59, 25)  
}
```

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(5, 59, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 59, 25) }
```

## Border

The CSS property to change the border of an element to YUV 38.9780, -6.8912, -29.7987 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(5, 59, 25) }
```



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

```
.border{ border-color:rgb(5, 59, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 59, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 59, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 59, 25); box-shadow:4px  
4px 4px 4px rgb(5, 59, 25) }
```

# Background

The CSS property to change the background color of an element to YUV 38.9780, -6.8912, -29.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 59, 25) }
```

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

```
.background{ background-color: rgb(5, 59,  
25) }
```

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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