

# Converting Colors

YUV(81.1900, 11.7383,  
-31.7386)

Have a look what the booklet for  
YUV(81.1900, 11.7383, -31.7386)  
contains.

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# Color

**YUV(81.1900, 11.7383,  
-31.7386)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2D5F69
RGB	45, 95, 105
RGB Percent	18%, 37%, 41%
CMY	0.8235, 0.6275, 0.5882
CMYK	0.57, 0.10, 0.00, 0.59
HSL	190°, 40%, 29%
HSV	190°, 57%, 41%
XYZ	7.7242, 9.7622, 14.8418
YIQ	81.1900, -33.0100, -7.4900

# Conversions

## Conversions Part 2

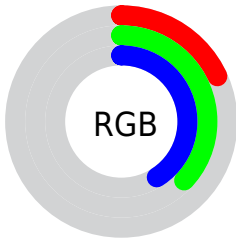
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 72, 105
Decimal	2973545
CIELab	37.41, -13.65, -10.84
CIElCh	37, 17.430, 218.452
Yxy	9.7622, 0.2389, 0.3020
Android (android.graphics.Color)	4281163625 (0xFF2D5F69)
YUV	81.1900, 11.7383, -31.7386
Hunter-Lab	31.2446, -10.5497, -6.2927

# Details

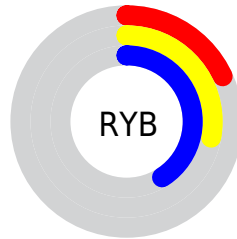
The YUV color **81.1900, 11.7383, -31.7386** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.8100, -11.7383, 31.7386**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4890, 11.5909, -31.1239**, and **35.3750, 11.1541, -31.0239** is the 20% darker color. If you saturate the color by 10%, you get **77.0260, 13.7912, -36.8568**, and if you desaturate by 10%, it is **85.6530, 9.5381, -26.0057**.

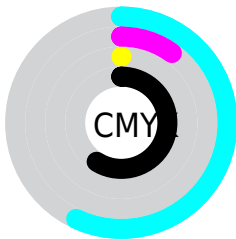
# Distribution



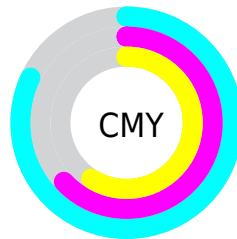
- Red (18%)
- Green (37%)
- Blue (41%)



- Red (18%)
- Yellow (28%)
- Blue (41%)



- Cyan (57%)
- Magenta (10%)
- Yellow (0%)
- Black (59%)



- Cyan (82%)
- Magenta (63%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 81.1900, 11.7383, -31.7386 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 81.1900, 11.7383, -31.7386 by changing the saturation by 10% instead.



81.1900, 11.7383,  
-31.7386

81.1900, 11.7383,  
-31.7386

255.0000, 0.0000,  
0.0000

55.6950, 12.4754,  
-34.8125

132.4890, 11.5909,  
-31.1239

35.3750, 11.1541,  
-31.0239

158.6030, 12.0277,  
-31.2238

20.5400, 7.6218,  
-18.0136

186.3040, 12.1751,  
-31.8386

2.2970, 6.2626,  
-2.0145

214.0050, 12.3225,  
-32.4534

0.0000, 0.0000,  
0.0000

240.0500, 7.3704,  
-30.7388

248.7210, 3.0955,

-12.9103

■ 81.1900, 11.7383,  
-31.7386

■ 81.1900, 11.7383,  
-31.7386

■ 77.0260, 13.7912,  
-36.8568

■ 85.6530, 9.5381,  
-26.0057

■ 72.5630, 15.9914,  
-42.5898

■ 89.2300, 7.7746,  
-20.3727

■ 68.6870, 17.9023,  
-48.8375

■ 93.6930, 5.5744,  
-14.6398

■ 64.5230, 19.9552,  
-53.9557

■ 97.8570, 3.5215,  
-9.5216

■ 63.0390, 20.6868,  
-55.2852

■ 102.3200, 1.3212,  
-3.7886

■ 106.4840, -0.7316,  
1.3295

■ 110.0610, -2.4951,  
6.9625

■ 114.5240, -4.6953,  
12.6955

■ 118.9870, -6.8956,  
18.4284

# Harmonies

## Analogous

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



81.4910, 5.1809, -28.4946



81.1900, 11.7383, -31.7386



83.7440, 14.9162, -24.3315

# Triad

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



81.1900, 11.7383, -31.7386



90.2500, 4.3137, 16.4438



86.6020, -13.1148, 6.4880

# Complementary

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



81.1900, 11.7383, -31.7386



68.8100, -11.7383, 31.7386

# 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.



88.3690, -12.9999, 16.3394



81.1900, 11.7383, -31.7386



90.0460, -2.9807, 22.7617

# Square

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



81.1900, 11.7383, -31.7386



89.6660, 10.0247, 4.6779



89.4390, -9.0904, 22.4170



85.1490, -9.4405, -5.3927



# Rectangle

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



81.1900, 11.7383, -31.7386



86.6850, 14.4523, -15.5097



89.4390, -9.0904, 22.4170



87.5100, -13.5624, 10.0767

# Sweetspot

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



81.1900, 11.7383, -31.7386



128.4760, 4.6953, -12.6955



81.3600, -12.9955, -31.8877



63.6400, 2.6425, -7.5773



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.



81.1900, 11.7383, -31.7386



100.2030, 18.6339, -50.1670



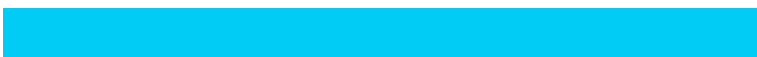
63.5800, 20.4201, -16.2947



51.6190, 1.1738, -3.1739



70.8640, 22.7450, -62.1477



147.6780, 47.9797, -129.5136



# Inverse Universe

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



68.6400, 12.9955, 31.8877



80.4110, 20.5034, 50.5056



86.4200, -20.4201, 16.2947



50.3640, 1.2995, 3.1888



46.1550, 25.5596, 62.1311

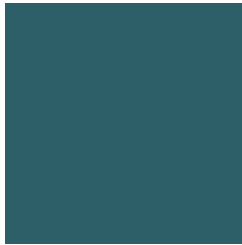


96.5110, 52.9921, 130.2249



# Previews

## White Background



This preview shows how the YUV color 81.1900, 11.7383, -31.7386 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



This preview shows how the YUV color 81.1900, 11.7383, -31.7386 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

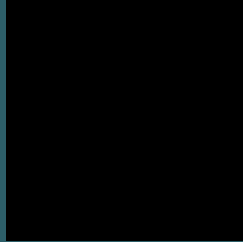
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 81.1900, 11.7383, -31.7386

## Background



This preview shows how black text looks on a background with the YUV color 81.1900, 11.7383, -31.7386.



This preview shows how white text looks on a background with the YUV color 81.1900, 11.7383, -31.7386.

-31.7386.

# 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

81.1900, 11.7383, -31.7386

### Protanopia

88.1830, 5.8258, -1.9145

### Deuteranopia

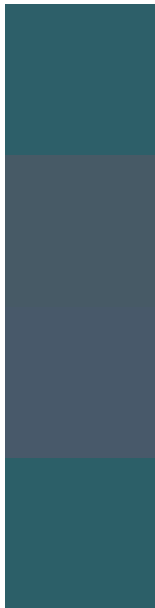
88.6930, 9.0254, -1.4848



## Tritanopia

80.6630, 11.0121, -32.1535

# Trichromacy



## Original Color

81.1900, 11.7383, -31.7386

## Protanomaly

85.6870, 8.0423, -12.8805

## Deuteranomaly

85.8550, 9.9315, -12.1508

## Tritanomaly

80.7770, 11.4489, -32.2534

# Monochromacy



## Original Color

81.1900, 11.7383, -31.7386

## Achromatopsia

81.0000, 0.0000, 0.0000

## Achromatomaly

81.0740, 4.4005, -11.4659

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.1900, 11.7383, -31.7386 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(45, 95, 105)` looks like.

```
.text, #text, p{  
    color:rgb(45, 95, 105)  
}
```

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(45, 95, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 95, 105) }
```

## Border

The CSS property to change the border of an element to YUV 81.1900, 11.7383, -31.7386 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(45, 95, 105) }
```



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

```
.border{ border-color:rgb(45, 95, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 95, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 95, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 95, 105);  
box-shadow:4px 4px 4px 4px rgb(45, 95,  
105) }
```

# Background

The CSS property to change the background color of an element to YUV 81.1900, 11.7383, -31.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 95, 105) }
```

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

```
.background{ background-color: rgb(45, 95,  
105) }
```

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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