

# Converting Colors

YUV(87.3430, 6.2399, -41.5198)

Have a look what the booklet for  
YUV(87.3430, 6.2399, -41.5198)  
contains.

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# Color

**YUV(87.3430, 6.2399,  
-41.5198)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	286D64
RGB	40, 109, 100
RGB Percent	16%, 43%, 39%
CMY	0.8431, 0.5725, 0.6078
CMYK	0.63, 0.00, 0.08, 0.57
HSL	172°, 46%, 29%
HSV	172°, 63%, 43%
XYZ	8.6440, 12.3085, 13.9768
YIQ	87.3430, -38.2350, -17.4270

# Conversions

## Conversions Part 2

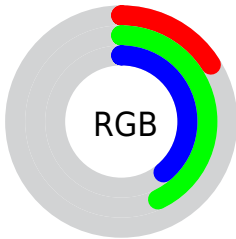
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 77, 109
Decimal	2649444
CIELab	41.70, -23.87, -1.40
CIELCh	42, 23.907, 183.364
Yxy	12.3085, 0.2475, 0.3524
Android (android.graphics.Color)	4280839524 (0xFF286D64)
YUV	87.3430, 6.2399, -41.5198
Hunter-Lab	35.0835, -17.4167, 0.9381

# Details

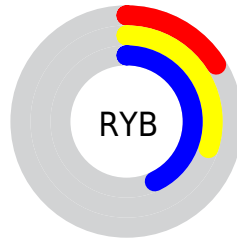
The YUV color **87.3430, 6.2399, -41.5198** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **61.6570, -6.2399, 41.5198**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8270, 5.5083, -40.1903**, and **41.9630, 5.9342, -36.8016** is the 20% darker color. If you saturate the color by 10%, you get **83.9400, 7.4246, -48.1824**, and if you desaturate by 10%, it is **90.7460, 5.0552, -34.8572**.

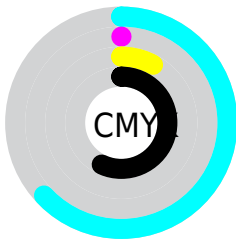
# Distribution



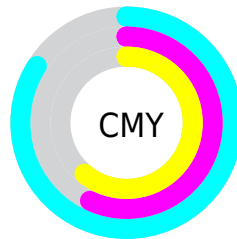
- Red (16%)
- Green (43%)
- Blue (39%)



- Red (16%)
- Yellow (30%)
- Blue (43%)



- Cyan (63%)
- Magenta (0%)
- Yellow (8%)
- Black (57%)



- Cyan (84%)
- Magenta (57%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 87.3430, 6.2399, -41.5198 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 87.3430, 6.2399, -41.5198 by changing the saturation by 10% instead.



87.3430, 6.2399,  
-41.5198

87.3430, 6.2399,  
-41.5198

255.0000, 0.0000,  
0.0000

59.1680, 8.2982,  
-48.3823

139.8270, 5.5083,  
-40.1903

41.9630, 5.9342,  
-36.8016

166.4140, 5.2189,  
-40.7051

26.5410, 2.6913,  
-23.2765

194.1150, 5.3663,  
-41.3199

8.0700, 0.4585,  
-7.0774

222.7020, 5.0769,  
-41.8347

0.0000, 0.0000,  
0.0000

239.4520, 7.6652,  
-31.9684

248.1230, 3.3904,

-14.1399

■ 87.3430, 6.2399,  
-41.5198

■ 87.3430, 6.2399,  
-41.5198

■ 83.9400, 7.4246,  
-48.1824

■ 90.7460, 5.0552,  
-34.8572

■ 80.4230, 8.1725,  
-54.7450

■ 94.2630, 4.3073,  
-28.2947

■ 77.0200, 9.3571,  
-61.4075

■ 97.6660, 3.1227,  
-21.6321

■ 74.8130, 9.9522,  
-65.6110

■ 101.1830, 2.3748,  
-15.0695

■ 104.5860, 1.1901,  
-8.4069

■ 107.8040, 0.5896,  
-2.4591

■ 111.2070, -0.5951,  
4.2035

■ 114.6100, -1.7797,  
10.8660

■ 118.1270, -2.5276,  
17.4286

# Harmonies

## Analogous

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



91.3640, -5.6025, -23.1212



87.3430, 6.2399, -41.5198



83.8390, 17.3344, -53.3558

# Triad

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



87.3430, 6.2399, -41.5198



100.0340, 15.2662, 3.4782



98.3870, -16.9528, 24.2166

# Complementary

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



87.3430, 6.2399, -41.5198



61.6570, -6.2399, 41.5198

# 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.



99.4510, -10.5753, 32.0535



87.3430, 6.2399, -41.5198



101.0810, 7.3551, 20.9770

# Square

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



87.3430, 6.2399, -41.5198



96.4440, 19.9941, -19.6834



100.4430, -1.6974, 31.1835



96.8430, -18.6566, 10.6617



# Rectangle

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



87.3430, 6.2399, -41.5198



86.7950, 20.8071, -47.1782



100.4430, -1.6974, 31.1835



98.8650, -15.2164, 27.3054

# Sweetspot

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



87.3430, 6.2399, -41.5198



134.4710, 2.2328, -16.1991



83.1940, -21.2946, -29.9881



65.9880, 1.4849, -9.6365



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



87.3430, 6.2399, -41.5198



108.8130, 9.9522, -65.6110



73.6940, 17.4059, -29.5496



52.0920, 0.4476, -3.5887



80.3070, 10.6946, -70.4292



168.0970, 22.1372, -147.4211



# Inverse Universe

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



61.6570, -6.2399, 41.5198



68.1870, -9.9522, 65.6110



75.3060, -17.4059, 29.5496



49.9080, -0.4476, 3.5887



36.6930, -10.6946, 70.4292



76.9030, -22.1372, 147.4211



# Previews

## White Background



This preview shows how the YUV color 87.3430, 6.2399, -41.5198 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 87.3430, 6.2399, -41.5198 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

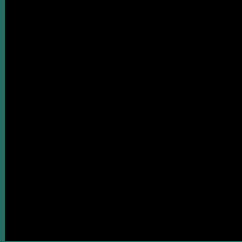
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 87.3430, 6.2399, -41.5198

## Background



This preview shows how black text looks on a background with the YUV color 87.3430, 6.2399, -41.5198.



This preview shows how white text looks on a background with the YUV color 87.3430, 6.2399, -41.5198.

-41.5198.

# 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

87.3430, 6.2399, -41.5198

### Protanopia

97.7400, -2.3368, 2.8590

### Deuteranopia

98.9020, 2.0203, 5.3479



## Tritanopia

89.9720, 12.3388, -37.6864

# Trichromacy



## Original Color

87.3430, 6.2399, -41.5198

## Protanomaly

93.8520, 1.0590, -13.0252

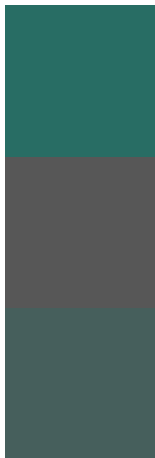
## Deuteranomaly

94.5470, 3.6743, -11.8807

## Tritanomaly

89.0920, 10.3076, -39.5457

# Monochromacy



## Original Color

87.3430, 6.2399, -41.5198

## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

87.1830, 2.3748, -15.0695

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 87.3430, 6.2399, -41.5198 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(40, 109, 100)` looks like.

```
.text, #text, p{  
    color:rgb(40, 109, 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(40, 109, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 109, 100) }
```

## Border

The CSS property to change the border of an element to YUV 87.3430, 6.2399, -41.5198 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(40, 109, 100) }
```



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

```
.border{ border-color:rgb(40, 109, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 109, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 109, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 109, 100);  
box-shadow:4px 4px 4px 4px rgb(40, 109,  
100) }
```

# Background

The CSS property to change the background color of an element to YUV 87.3430, 6.2399, -41.5198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 109, 100) }
```

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

```
.background{ background-color: rgb(40, 109,  
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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