

# Converting Colors

YUV(40.9140, -9.8176, -24.4806)

Have a look what the booklet for  
YUV(40.9140, -9.8176, -24.4806)  
contains.

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# Color

**YUV(40.9140, -9.8176,  
-24.4806)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D3B15
RGB	13, 59, 21
RGB Percent	5%, 23%, 8%
CMY	0.9490, 0.7686, 0.9176
CMYK	0.78, 0.00, 0.64, 0.77
HSL	130°, 64%, 14%
HSV	130°, 78%, 23%
XYZ	1.8653, 3.2676, 1.2419
YIQ	40.9140, -15.2180, -21.5700

# Conversions

## Conversions Part 2

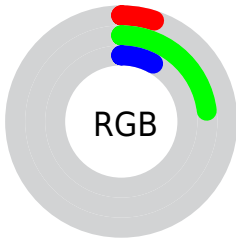
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 52, 59
Decimal	867093
CIELab	21.09, -24.98, 18.92
CIElCh	21, 31.339, 142.862
Yxy	3.2676, 0.2926, 0.5126
Android (android.graphics.Color)	4279057173 (0xFF0D3B15)
YUV	40.9140, -9.8176, -24.4806
Hunter-Lab	18.0766, -13.2149, 8.5804

# Details

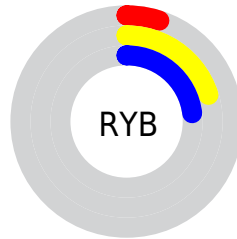
The YUV color **40.9140, -9.8176, -24.4806** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **31.0860, 9.8176, 24.4806**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.7570, -11.7122, -23.4659**, and **4.1090, -2.0257, -3.6036** is the 20% darker color. If you saturate the color by 10%, you get **38.5500, -11.1171, -27.6693**, and if you desaturate by 10%, it is **43.2780, -8.5181, -21.2918**.

# Distribution



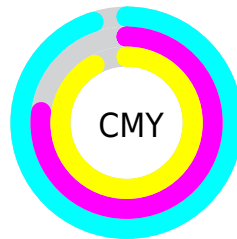
- Red (5%)
- Green (23%)
- Blue (8%)



- Red (5%)
- Yellow (20%)
- Blue (23%)



- Cyan (78%)
- Magenta (0%)
- Yellow (64%)
- Black (77%)



- Cyan (95%)
- Magenta (77%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 40.9140, -9.8176, -24.4806 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 40.9140, -9.8176, -24.4806 by changing the saturation by 10% instead.



40.9140, -9.8176,  
-24.4806

40.9140, -9.8176,  
-24.4806

252.8210, -1.8838,  
-2.4740

21.7190, -10.7075,  
-19.0476

88.7570, -11.7122,  
-23.4659

4.1090, -2.0257,  
-3.6036

113.5290,  
-12.5858, -23.2659

0.0000, 0.0000,  
0.0000


139.7030,  
-13.1646, -24.2955


166.5890,  
-13.6014, -24.1956


193.7630,  
-14.1802, -25.2252


221.6490,


-14.6170, -25.1252


 240.8440,  
-10.2761, -17.4032


 40.9140, -9.8176,  
-24.4806


 40.9140, -9.8176,  
-24.4806


 38.5500, -11.1171,  
-27.6693


 43.2780, -8.5181,  
-21.2918


 36.1860, -12.4167,  
-30.8581

 45.6420, -7.2185,  
-18.1030

 35.7730, -12.7061,  
-31.3729

 48.0060, -5.9190,  
-14.9143

 50.2560, -5.0562,  
-11.6255

 52.6200, -3.7567,  
-8.4367

■ 54.6850, -2.3097,  
-5.8627

■ 57.0490, -1.0102,  
-2.6740

■ 59.4130, 0.2894,  
0.5148

■ 61.7770, 1.5889,  
3.7036

# Harmonies

## Analogous

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



45.8540, -22.1130, -0.7490



40.9140, -9.8176, -24.4806



40.8230, 1.5663, -35.8018

# Triad

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



40.9140, -9.8176, -24.4806



43.3430, 26.4529, -38.0118



48.4070, -7.1027, 38.2311

# Complementary

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



40.9140, -9.8176, -24.4806



31.0860, 9.8176, 24.4806

# 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.



49.5450, 3.6753, 34.6020



40.9140, -9.8176, -24.4806



50.1510, 21.1246, -8.9024

# Square

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



40.9140, -9.8176, -24.4806



45.1380, 20.6380, -39.5860



51.9650, 13.3283, 18.4477



48.6050, -17.5533, 30.1644



# Rectangle

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



40.9140, -9.8176, -24.4806



42.6470, 8.5550, -37.4014



51.9650, 13.3283, 18.4477



48.7320, -3.3189, 37.9460

# Sweetspot

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



40.9140, -9.8176, -24.4806



69.9080, -3.8986, -9.5663



51.3640, -18.9135, -0.3192



33.9840, -2.4571, -5.2480



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.



40.9140, -9.8176, -24.4806



48.6320, -15.5946, -38.2653



43.5360, 0.2288, -26.7801



29.7610, -0.8682, -1.5444



57.0020, -20.2140, -49.9908



134.7600, -47.2097, -118.1845



# Inverse Universe

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



31.0860, 9.8176, 24.4806



33.2540, 15.1578, 38.3652



28.4640, -0.2288, 26.7801



29.1250, 0.4314, 1.6444



36.9980, 20.2140, 49.9908



87.2400, 47.2097, 118.1845



# Previews

## White Background



This preview shows how the YUV color 40.9140, -9.8176, -24.4806 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

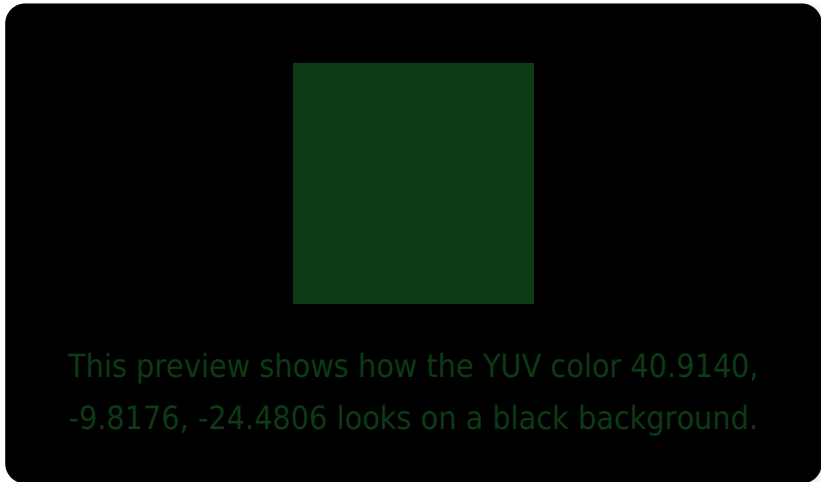
Any Text WCAG AA ✓ Pass

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 40.9140, -9.8176, -24.4806

## Background



This preview shows how black text looks on a background with the YUV color 40.9140, -9.8176, -24.4806.



This preview shows how white text looks on a background with the YUV color 40.9140, -9.8176, -24.4806.

-24.4806.

# 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

40.9140, -9.8176, -24.4806

### Protanopia

49.1460, -14.8620, 6.8880

### Deuteranopia

49.7490, -12.6943, 11.6211



## Tritanopia

46.8990, 6.4588, -18.3284

# Trichromacy



## Original Color

40.9140, -9.8176, -24.4806

## Protanomaly

46.2370, -12.9348, -4.5928

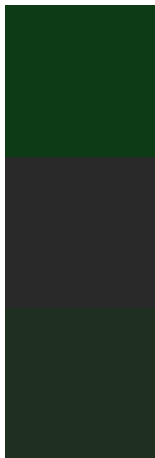
## Deuteranomaly

46.6010, -11.6353, -1.4041

## Tritanomaly

44.3950, 0.7913, -20.5174

# Monochromacy



## Original Color

40.9140, -9.8176, -24.4806

## Achromatopsia

41.0000, 0.0000, 0.0000

## Achromatomaly

41.3210, -3.6093, -9.0515

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 40.9140, -9.8176, -24.4806 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(13, 59, 21)` looks like.

```
.text, #text, p{  
    color:rgb(13, 59, 21)  
}
```

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(13, 59, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 59, 21) }
```

## Border

The CSS property to change the border of an element to YUV 40.9140, -9.8176, -24.4806 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(13, 59, 21) }
```



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

```
.border{ border-color:rgb(13, 59, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 59, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 59, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 59, 21);  
box-shadow:4px 4px 4px 4px rgb(13, 59, 21)  
}
```

# Background

The CSS property to change the background color of an element to YUV 40.9140, -9.8176, -24.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 59, 21) }
```

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

```
.background{ background-color: rgb(13, 59,  
21) }
```

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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