

# Converting Colors

YUV(41.0010, 38.9465, 14.9081)

Have a look what the booklet for  
YUV(41.0010, 38.9465, 14.9081)  
contains.

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# Color

**YUV(41.0010, 38.9465,  
14.9081)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A1178
RGB	58, 17, 120
RGB Percent	23%, 7%, 47%
CMY	0.7725, 0.9333, 0.5294
CMYK	0.52, 0.86, 0.00, 0.53
HSL	264°, 75%, 27%
HSV	264°, 86%, 47%
XYZ	5.3355, 2.6565, 18.0008
YIQ	41.0010, -8.6270, 40.7250

# Conversions

## Conversions Part 2

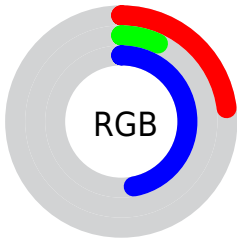
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 17, 120
Decimal	3805560
CIE <sub>Lab</sub>	18.61, 42.26, -50.09
CIE <sub>LCh</sub>	19, 65.535, 310.151
Yxy	2.6565, 0.2053, 0.1022
Android (android.graphics.Color)	4281995640 (0xFF3A1178)
YUV	41.0010, 38.9465, 14.9081
Hunter-Lab	16.2988, 29.9105, -54.0724

# Details

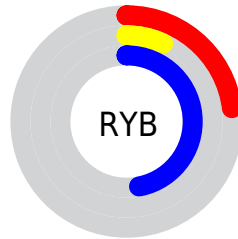
The YUV color **41.0010, 38.9465, 14.9081** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **95.9990, -38.9465, -14.9081**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.9520, 39.9567, 17.5821**, and **7.9800, 30.5759, -6.9985** is the 20% darker color. If you saturate the color by 10%, you get **31.8640, 43.4510, 16.7823**, and if you desaturate by 10%, it is **50.1380, 34.4420, 13.0340**.

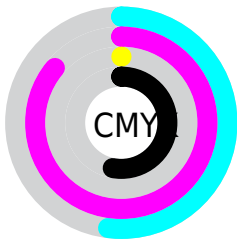
# Distribution



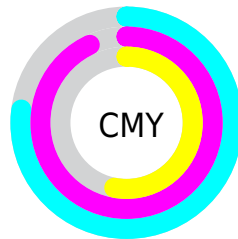
- Red (23%)
- Green (7%)
- Blue (47%)



- Red (23%)
- Yellow (7%)
- Blue (47%)



- Cyan (52%)
- Magenta (86%)
- Yellow (0%)
- Black (53%)



- Cyan (77%)
- Magenta (93%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 41.0010, 38.9465, 14.9081 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 41.0010, 38.9465, 14.9081 by changing the saturation by 10% instead.



41.0010, 38.9465,  
14.9081

41.0010, 38.9465,  
14.9081

255.0000, 0.0000,  
0.0000

19.5010, 37.2210,  
8.3306

91.9520, 39.9567,  
17.5821

7.9800, 30.5759,  
-6.9985

118.1910, 40.8248,  
19.1265

7.7060, 19.3719,  
-6.7582

145.1310, 41.8404,  
20.0561

3.4370, 10.6306,  
-3.0142

171.6150, 41.1088,  
21.3856


0.0000, 0.0000,  
0.0000


196.1350, 29.0204,  
25.3146


220.9540, 16.7847,


29.8583


 237.9770, 8.3923,  
14.9292


 41.0010, 38.9465,  
14.9081


 41.0010, 38.9465,  
14.9081


 31.8640, 43.4510,  
16.7823


 50.1380, 34.4420,  
13.0340

 28.0320, 45.3402,  
17.5119

 59.2750, 29.9374,  
11.1598

 68.7110, 25.2855,  
9.9005

 77.8480, 20.7809,  
8.0263

 86.9850, 16.2764,  
6.1522

■ 96.1220, 11.7719,  
4.2780

■ 105.5580, 7.1199,  
3.0186

■ 114.6950, 2.6154,  
1.1445

■ 123.8320, -1.8892,  
-0.7297

# Harmonies

## Analogous

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



44.3640, 48.1345, -38.9072



41.0010, 38.9465, 14.9081



41.5970, 18.4397, 59.1124

# Triad

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



41.0010, 38.9465, 14.9081



42.1280, -20.7691, 34.9677



43.3480, 8.7024, -38.0162

# Complementary

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



41.0010, 38.9465, 14.9081



95.9990, -38.9465, -14.9081

# 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.



36.0180, -14.3059, -31.5878



41.0010, 38.9465, 14.9081



41.3210, -20.3713, 0.5955

# Square

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



41.0010, 38.9465, 14.9081



32.5910, -16.0674, 67.0107



33.4590, -16.4953, -29.3435



48.5920, 28.7951, -42.6152



# Rectangle

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



41.0010, 38.9465, 14.9081



41.3520, 3.2775, 68.9743



33.4590, -16.4953, -29.3435



41.4100, 1.2769, -36.3166

# Sweetspot

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



41.0010, 38.9465, 14.9081



124.4580, 15.5502, 5.7373



66.3100, 26.4692, -43.2449



60.4270, 9.1565, 3.1335



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.



41.0010, 38.9465, 14.9081



36.3220, 59.0013, 22.5196



55.9510, 31.5762, 45.6470



56.5810, 2.1786, 1.2445



29.2000, 47.2294, 18.2416



58.6280, 95.3324, 36.2832



# Inverse Universe

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



54.8650, 11.8986, 57.1234



57.3600, 18.0635, 86.5073



81.0490, -31.5762, -45.6470



57.2500, 0.8628, 3.2887



45.9250, 14.3340, 69.3488

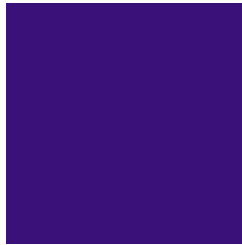


92.6760, 29.2467, 139.7271



# Previews

## White Background



This preview shows how the YUV color 41.0010, 38.9465, 14.9081 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

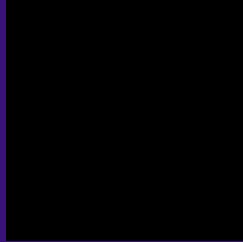
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 41.0010, 38.9465, 14.9081

## Background



This preview shows how black text looks on a background with the YUV color 41.0010, 38.9465, 14.9081.



This preview shows how white text looks on a background with the YUV color 41.0010, 38.9465,



# 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

41.0010, 38.9465, 14.9081

### Protanopia

37.2450, 28.4732, -32.6639

### Deuteranopia

37.4100, 21.4899, -32.8086



**Tritanopia**

46.1670, 3.3687, -7.1625

# Trichromacy



## Original Color

41.0010, 38.9465, 14.9081

## Protanomaly

38.6800, 32.2028, -15.5054

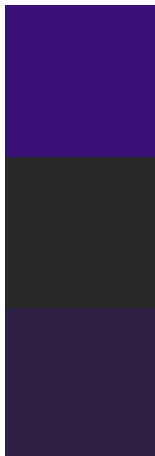
## Deuteranomaly

38.8280, 27.6928, -15.6352

## Tritanomaly

43.9520, 16.2927, 0.9191

# Monochromacy



## Original Color

41.0010, 38.9465, 14.9081

## Achromatopsia

41.0000, 0.0000, 0.0000

## Achromatomaly

40.8170, 14.3872, 5.4225

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 41.0010, 38.9465, 14.9081 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(58, 17, 120)` looks like.

```
.text, #text, p{  
    color:rgb(58, 17, 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(58, 17, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 17, 120) }
```

## Border

The CSS property to change the border of an element to YUV 41.0010, 38.9465, 14.9081 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(58, 17, 120) }
```



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

```
.border{ border-color:rgb(58, 17, 120) }
```

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

Here you see how a box with a 4 pixel rgb(58, 17, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 17, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 17, 120);  
box-shadow:4px 4px 4px 4px rgb(58, 17,  
120) }
```

# Background

The CSS property to change the background color of an element to YUV 41.0010, 38.9465, 14.9081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 17, 120) }
```

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

```
.background{ background-color: rgb(58, 17,  
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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