

Converting Colors

YUV(38.0410, 11.3188, 9.6110)

Have a look what the booklet for
YUV(38.0410, 11.3188, 9.6110)
contains.

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Color

**YUV(38.0410, 11.3188,
9.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	311C3D
RGB	49, 28, 61
RGB Percent	19%, 11%, 24%
CMY	0.8078, 0.8902, 0.7608
CMYK	0.20, 0.54, 0.00, 0.76
HSL	278°, 37%, 17%
HSV	278°, 54%, 24%
XYZ	2.5242, 1.8204, 4.6332
YIQ	38.0410, 1.9230, 14.7150

Conversions

Conversions Part 2

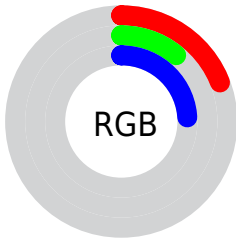
Format	Color
RYB	49, 28, 61
Decimal	3218493
CIELab	14.52, 17.65, -17.21
CIElCh	15, 24.650, 315.712
Yxy	1.8204, 0.2812, 0.2028
Android (android.graphics.Color)	4281408573 (0xFF311C3D)
YUV	38.0410, 11.3188, 9.6110
Hunter-Lab	13.4922, 9.7832, -10.9156

Details

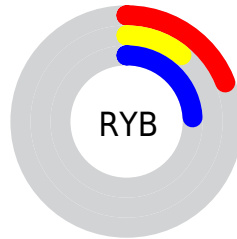
The YUV color **38.0410, 11.3188, 9.6110** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.9590, -11.3188, -9.6110**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.3940, 12.6238, 11.0555**, and **2.5250, 7.1362, -2.2144** is the 20% darker color. If you saturate the color by 10%, you get **33.9210, 13.3499, 11.4703**, and if you desaturate by 10%, it is **42.1610, 9.2876, 7.7518**.

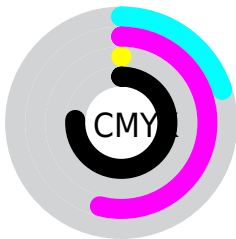
Distribution



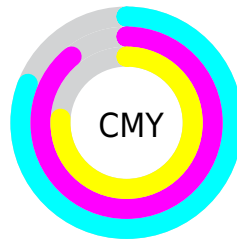
- Red (19%)
- Green (11%)
- Blue (24%)



- Red (19%)
- Yellow (11%)
- Blue (24%)



- Cyan (20%)
- Magenta (54%)
- Yellow (0%)
- Black (76%)



- Cyan (81%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.0410, 11.3188, 9.6110 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 38.0410, 11.3188, 9.6110 by changing the saturation by 10% instead.

■ 38.0410, 11.3188,
9.6110

■ 38.0410, 11.3188,
9.6110

■ 255.0000, 0.0000,
0.0000

■ 15.7530, 11.4608,
10.7406

■ 83.3940, 12.6238,
11.0555

■ 2.5250, 7.1362,
-2.2144

■ 107.8070, 12.9131,
11.5703

■ 0.0000, 0.0000,
0.0000

■ 133.2200, 13.2025,
12.0851


■ 159.6330, 13.4919,
12.5999


■ 187.0460, 13.7813,
13.1147


■ 214.5730, 14.5075,


13.5295


 239.7380, 7.5242,
13.3848


 38.0410, 11.3188,
9.6110


 38.0410, 11.3188,
9.6110

 33.9210, 13.3499,
11.4703


 42.1610, 9.2876,
7.7518

 29.8010, 15.3811,
13.3295


 46.2810, 7.2565,
5.8926


 25.3820, 17.5597,
14.5740

 50.7000, 5.0779,
4.6481

 21.2620, 19.5908,
16.4332

 54.8200, 3.0467,
2.7889

 18.6150, 20.8958,
17.8776

 59.5270, 0.7262,
0.4148

■ 63.6470, -1.3050,
-1.4444

■ 68.0660, -3.4835,
-2.6889

■ 72.1860, -5.5147,
-4.5481

■ 76.3060, -7.5459,
-6.4074

Harmonies

Analogous

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



34.5050, 17.4990, -12.7209



38.0410, 11.3188, 9.6110



36.7070, 4.5814, 23.9360

Triad

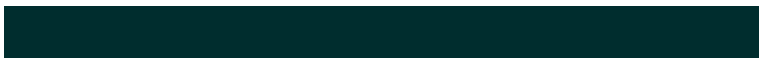
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.0410, 11.3188, 9.6110



35.2180, -17.3625, 15.5948



31.6590, 7.0701, -27.7649

Complementary

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



38.0410, 11.3188, 9.6110



50.9590, -11.3188, -9.6110

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.



29.0200, -0.5029, -25.4505



38.0410, 11.3188, 9.6110



34.2550, -16.8877, 3.2844

Square

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



38.0410, 11.3188, 9.6110



35.5380, -12.5902, 24.9612



30.7630, -10.7292, -12.0702



32.7820, 13.9115, -28.7498

Rectangle

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



38.0410, 11.3188, 9.6110



35.9480, -0.9604, 28.1096



30.7630, -10.7292, -12.0702



30.9750, 4.4493, -27.1651

Sweetspot

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



38.0410, 11.3188, 9.6110



69.8740, 4.4991, 3.6185



38.8060, 10.9416, -9.4769



35.4070, 2.7573, 2.2741



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



38.0410, 11.3188, 9.6110



43.3820, 17.5597, 14.5740



41.1730, 7.8027, 17.3883



28.6410, 1.1630, 0.3148



28.6560, 32.2146, 27.4887



67.4670, 76.1848, 64.4884

Inverse Universe

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



39.2350, 0.3771, 19.0879



45.3010, 0.3446, 29.5540



47.8270, -7.8027, -17.3883



29.0110, -0.0054, 1.7444



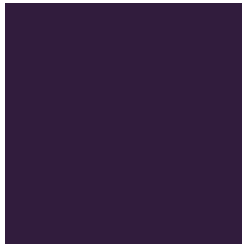
31.9820, 0.9949, 54.3898



75.6120, 2.6563, 128.3823

Previews

White Background



This preview shows how the YUV color 38.0410, 11.3188, 9.6110 looks on a white background.

Color Contrast Check

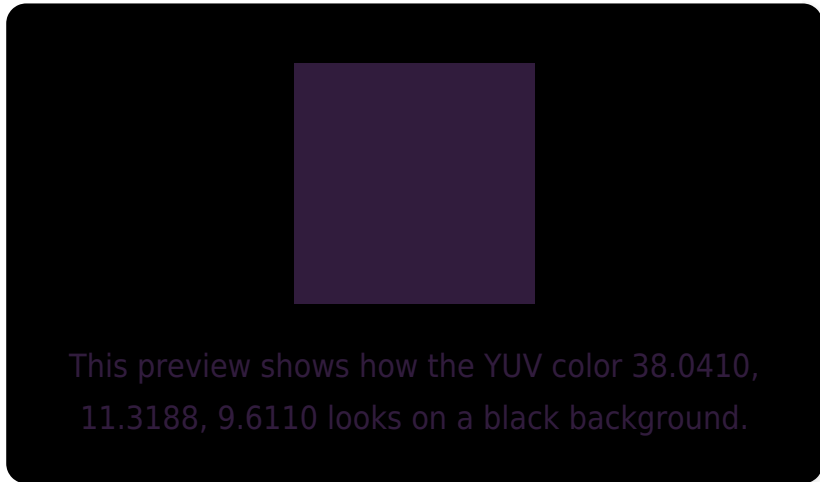
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0410, 11.3188, 9.6110

Background



This preview shows how black text looks on a background with the YUV color 38.0410, 11.3188, 9.6110.



This preview shows how white text looks on a background with the YUV color 38.0410, 11.3188,

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

38.0410, 11.3188, 9.6110

Protanopia

34.9780, 16.7728, -13.1357

Deuteranopia

35.9200, 11.3784, -9.5768



Tritanopia

37.6310, -0.3111, 6.4626

Trichromacy



Original Color

38.0410, 11.3188, 9.6110

Protanomaly

36.1640, 14.7091, -4.5288

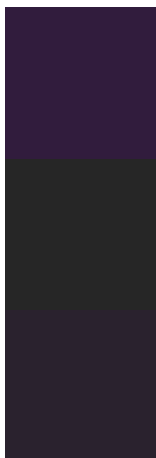
Deuteranomaly

36.9640, 11.3567, -2.5994

Tritanomaly

37.7820, 4.0515, 7.2072

Monochromacy



Original Color

38.0410, 11.3188, 9.6110

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7600, 4.0623, 3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.0410, 11.3188, 9.6110 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(49, 28, 61)` looks like.

```
.text, #text, p{  
    color:rgb(49, 28, 61)  
}
```

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(49, 28, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 28, 61) }
```

Border

The CSS property to change the border of an element to YUV 38.0410, 11.3188, 9.6110 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(49, 28, 61) }
```


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

```
.border{ border-color:rgb(49, 28, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 28, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 28, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 28, 61);  
box-shadow:4px 4px 4px 4px rgb(49, 28, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.0410, 11.3188, 9.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 28, 61) }
```

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

```
.background{ background-color: rgb(49, 28,  
61) }
```

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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