

Converting Colors

YUV(19.0410, 11.3188, 9.6110)

Have a look what the booklet for
YUV(19.0410, 11.3188, 9.6110)
contains.

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Color

**YUV(19.0410, 11.3188,
9.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	1E092A
RGB	30, 9, 42
RGB Percent	12%, 4%, 16%
CMY	0.8824, 0.9647, 0.8353
CMYK	0.29, 0.79, 0.00, 0.84
HSL	278°, 65%, 10%
HSV	278°, 79%, 16%
XYZ	1.0510, 0.6386, 2.2583
YIQ	19.0410, 1.9230, 14.7150

Conversions

Conversions Part 2

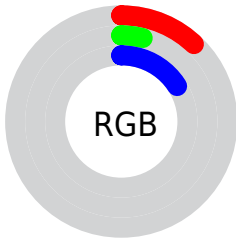
Format	Color
R_{YB}	30, 9, 42
Decimal	1968426
CIE Lab	5.77, 17.57, -17.42
CIE LCh	6, 24.739, 315.240
Yxy	0.6386, 0.2662, 0.1617
Android (android.graphics.Color)	4280158506 (0xFF1E092A)
YUV	19.0410, 11.3188, 9.6110
Hunter-Lab	7.9910, 9.4932, -11.1623




Details

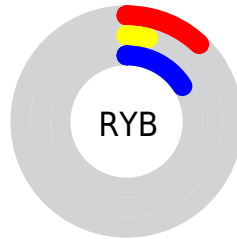
The YUV color **19.0410, 11.3188, 9.6110** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **31.9590, -11.3188, -9.6110**, and the grayscale version is **19.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **62.9810, 12.3344, 10.5407**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.0950, 12.7712, 10.4407**, and if you desaturate by 10%, it is **21.9870, 9.8664, 8.7814**.

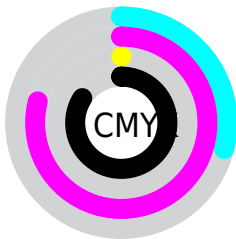
Distribution







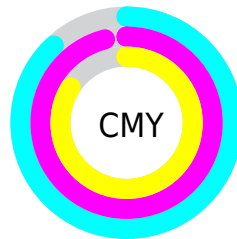
-  Red (12%)
-  Green (4%)
-  Blue (16%)






-  Red (12%)
-  Yellow (4%)
-  Blue (16%)



-  Cyan (29%)
-  Magenta (79%)
-  Yellow (0%)
-  Black (84%)



-  Cyan (88%)
-  Magenta (96%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.0410, 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 19.0410, 11.3188, 9.6110 by changing the saturation by 10% instead.

■ 19.0410, 11.3188,
9.6110

■ 19.0410, 11.3188,
9.6110

■ 242.0860, 6.3666,
11.3256

■ 2.9810, 8.8834,
-2.6143

■ 62.9810, 12.3344,
10.5407

■ 0.0000, 0.0000,
0.0000

■ 86.3940, 12.6238,
11.0555

■ 110.9210, 13.3499,
11.4703

■ 136.3340, 13.6393,
11.9851

■ 162.7470, 13.9287,
12.4999

■ 190.1600, 14.2181,

13.0147

■ 218.2740, 14.6549,
12.9147

■ 19.0410, 11.3188,
9.6110

■ 19.0410, 11.3188,
9.6110

■ 16.0950, 12.7712,
10.4407

■ 21.9870, 9.8664,
8.7814

■ 13.4480, 14.0761,
11.8851

■ 24.6340, 8.5614,
7.3370

■ 12.8610, 14.3655,
12.3999

■ 28.1670, 6.8197,
5.9925

■ 30.8140, 5.5147,
4.5481

■ 33.7600, 4.0623,
3.7185

■ 36.4070, 2.7573,
2.2741

■ 39.3530, 1.3050,
1.4444

■ 42.5870, -0.2894,
-0.5148

■ 45.5330, -1.7418,
-1.3444

Harmonies

Analogous

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



16.2660, 16.6309, -14.2653



19.0410, 11.3188, 9.6110



16.9350, 5.4550, 23.7360

Triad

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



19.0410, 11.3188, 9.6110



18.6720, -9.2053, 12.5657



20.1010, 3.4012, -17.6286

Complementary

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



19.0410, 11.3188, 9.6110



31.9590, -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.



17.0060, -5.9190, -14.9143



19.0410, 11.3188, 9.6110



16.8120, -8.2883, -1.5891

Square

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



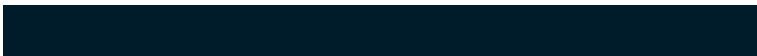
19.0410, 11.3188, 9.6110



16.3790, -8.0748, 23.3466



15.2620, -7.5242, -13.3848



20.6370, 10.5320, -18.0986

Rectangle

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



19.0410, 11.3188, 9.6110



15.8770, 0.0606, 27.2949



15.2620, -7.5242, -13.3848



19.4170, 0.7804, -17.0287

Sweetspot

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



19.0410, 11.3188, 9.6110



44.8740, 4.4991, 3.6185



19.8060, 10.9416, -9.4769



22.4070, 2.7573, 2.2741



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



19.0410, 11.3188, 9.6110



18.3820, 17.5597, 14.5740



22.1730, 7.8027, 17.3883



18.8260, 0.5788, 1.0296



25.7220, 28.7311, 24.7998



64.5330, 72.7012, 61.7996

Inverse Universe

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



20.2350, 0.3771, 19.0879



20.4150, 0.7814, 29.4540



28.8270, -7.8027, -17.3883



18.7120, 0.1420, 1.1296



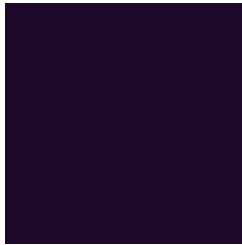
28.6500, 1.1586, 48.5419



72.1660, 2.3832, 122.6344

Previews

White Background



This preview shows how the YUV color 19.0410, 11.3188, 9.6110 looks on a white background.

Color Contrast Check

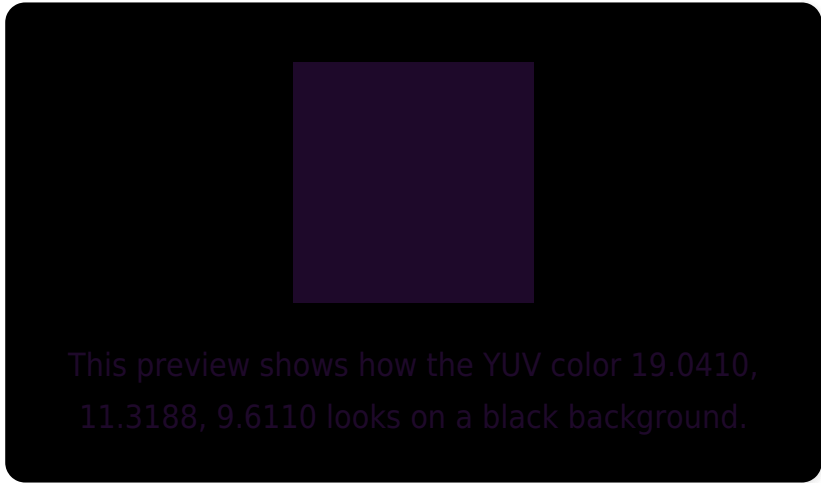
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0410, 11.3188, 9.6110

Background



This preview shows how black text looks on a background with the YUV color 19.0410, 11.3188, 9.6110.



This preview shows how white text looks on a background with the YUV color 19.0410, 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

19.0410, 11.3188, 9.6110

Protanopia

16.4140, 12.1209, -14.3951

Deuteranopia

16.4310, 9.6475, -14.4100



Tritanopia

20.5060, -0.7425, 4.8182

Trichromacy



Original Color

19.0410, 11.3188, 9.6110

Protanomaly

17.3550, 11.6570, -5.5733

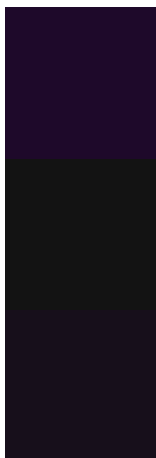
Deuteranomaly

17.6000, 10.0572, -5.7882

Tritanomaly

19.9560, 3.4727, 6.1776

Monochromacy



Original Color

19.0410, 11.3188, 9.6110

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.7600, 4.0623, 3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.0410, 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(30, 9, 42)` looks like.

```
.text, #text, p{  
    color:rgb(30, 9, 42)  
}
```

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(30, 9, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 9, 42) }
```

Border

The CSS property to change the border of an element to YUV 19.0410, 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(30, 9, 42) }
```


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

```
.border{ border-color:rgb(30, 9, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 9, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 9, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(30, 9, 42); box-shadow:4px  
4px 4px 4px rgb(30, 9, 42) }
```

Background

The CSS property to change the background color of an element to YUV 19.0410, 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(30, 9, 42) }
```

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

```
.background{ background-color: rgb(30, 9,  
42) }
```

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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