

Converting Colors

YUV(51.2410, 34.8842, 11.1896)

Have a look what the booklet for
YUV(51.2410, 34.8842, 11.1896)
contains.

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Color

**YUV(51.2410, 34.8842,
11.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	401F7A
RGB	64, 31, 122
RGB Percent	25%, 12%, 48%
CMY	0.7490, 0.8784, 0.5216
CMYK	0.48, 0.75, 0.00, 0.52
HSL	262°, 59%, 30%
HSV	262°, 75%, 48%
XYZ	6.1172, 3.4751, 18.7607
YIQ	51.2410, -9.5430, 35.2970

Conversions

Conversions Part 2

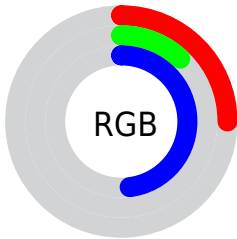
Format	Color
R _{YB}	64, 31, 122
Decimal	4202362
CIE Lab	21.85, 37.21, -46.03
CIE LCh	22, 59.185, 308.954
Yxy	3.4751, 0.2158, 0.1226
Android (android.graphics.Color)	4282392442 (0xFF401F7A)
YUV	51.2410, 34.8842, 11.1896
Hunter-Lab	18.6416, 25.9514, -46.6196

Details

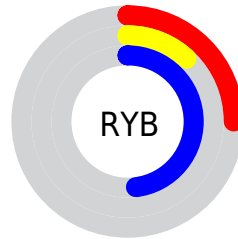
The YUV color **51.2410, 34.8842, 11.1896** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **101.7590, -34.8842, -11.1896**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7190, 36.6205, 14.2784**, and **10.8990, 30.1228, -1.6654** is the 20% darker color. If you saturate the color by 10%, you get **41.8050, 39.5361, 12.4490**, and if you desaturate by 10%, it is **60.6770, 30.2322, 9.9303**.

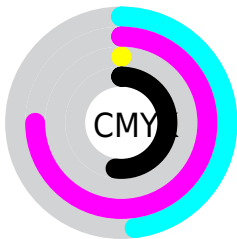
Distribution



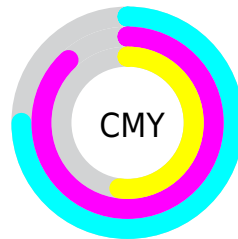
- Red (25%)
- Green (12%)
- Blue (48%)



- Red (25%)
- Yellow (12%)
- Blue (48%)



- Cyan (48%)
- Magenta (75%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (88%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2410, 34.8842, 11.1896 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 51.2410, 34.8842, 11.1896 by changing the saturation by 10% instead.

■ 51.2410, 34.8842,
11.1896

■ 51.2410, 34.8842,
11.1896

■ 255.0000, 0.0000,
0.0000

■ 26.2300, 34.8896,
9.4453

■ 100.7190, 36.6205,
14.2784

■ 10.8990, 30.1228,
-1.6654

■ 126.9580, 37.4887,
15.8228

■ 6.7600, 20.8243,
-5.9285

■ 153.4850, 38.2149,
16.2377

■ 3.6650, 11.5042,
-3.2142

■ 180.1540, 36.8991,
18.2819

■ 0.0000, 0.0000,
0.0000

■ 204.6740, 24.8107,
22.2109

■ 228.5850, 13.0226,

23.1660

245.6080, 4.6303,
8.2368

51.2410, 34.8842,
11.1896

51.2410, 34.8842,
11.1896

41.8050, 39.5361,
12.4490

60.6770, 30.2322,
9.9303

32.3690, 44.1881,
13.7084

70.1130, 25.5803,
8.6709

27.0640, 46.8034,
14.8529

79.8370, 20.7864,
6.2820

89.2730, 16.1344,
5.0226

98.7090, 11.4825,
3.7632

■ 108.1450, 6.8305,
2.5038

■ 117.2820, 2.3260,
0.6297

■ 127.3050, -2.6154,
-1.1445

■ 136.7410, -7.2673,
-2.4039

Harmonies

Analogous

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



48.3590, 45.6720, -42.4108



51.2410, 34.8842, 11.1896



42.8790, 20.7657, 59.7421

Triad

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



51.2410, 34.8842, 11.1896



49.2160, -24.2635, 35.7676



47.9130, 8.4239, -42.0197

Complementary

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



51.2410, 34.8842, 11.1896



101.7590, -34.8842, -11.1896

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.



41.2670, -11.9636, -36.1912



51.2410, 34.8842, 11.1896



48.4310, -23.8765, 4.8840

Square

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



51.2410, 34.8842, 11.1896



34.3850, -16.9518, 70.6994



36.9810, -18.2316, -32.4323



52.7010, 26.7694, -46.2188

Rectangle

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



51.2410, 34.8842, 11.1896



43.1610, 6.3296, 70.0188



36.9810, -18.2316, -32.4323



45.6160, 2.1613, -40.0052

Sweetspot

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



51.2410, 34.8842, 11.1896



130.8770, 13.3716, 4.4929



76.0070, 22.6745, -39.4711



62.7860, 7.9935, 2.8187



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.



51.2410, 34.8842, 11.1896



47.4370, 54.5076, 17.1568



64.3970, 28.3983, 38.2398



56.2820, 2.3260, 0.6297



27.7050, 47.9664, 15.1677



56.2360, 96.5117, 31.3650

Inverse Universe

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



64.8210, 11.9202, 50.1460



68.8320, 18.8168, 78.2003



88.6030, -28.3983, -38.2398



57.2500, 0.8628, 3.2887



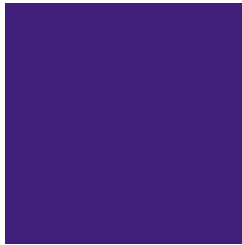
46.4950, 16.5180, 68.8489



93.7020, 33.1779, 138.8273

Previews

White Background



This preview shows how the YUV color 51.2410, 34.8842, 11.1896 looks on a white background.

Color Contrast Check

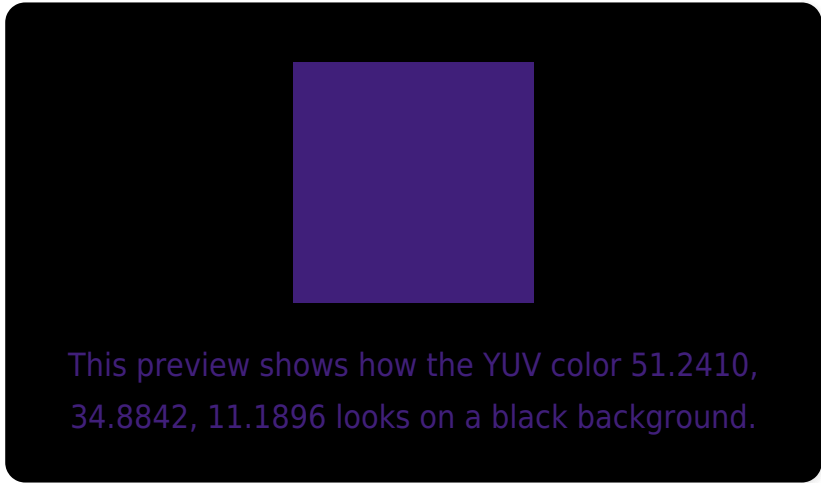
Large Text (above 18pt) WCAG AA ✓ Pass

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

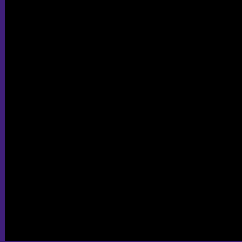
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.2410, 34.8842, 11.1896

Background



This preview shows how black text looks on a background with the YUV color 51.2410, 34.8842, 11.1896.



This preview shows how white text looks on a background with the YUV color 51.2410, 34.8842,

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

51.2410, 34.8842, 11.1896

Protanopia

42.2490, 32.4152, -37.0524

Deuteranopia

42.8870, 24.7057, -37.6119



Tritanopia

52.3630, 2.7790, -4.7034

Trichromacy



Original Color

51.2410, 34.8842, 11.1896

Protanomaly

45.5870, 33.2346, -19.8088

Deuteranomaly

45.7350, 28.7246, -19.9386

Tritanomaly

52.0830, 14.2561, 0.8042

Monochromacy



Original Color

51.2410, 34.8842, 11.1896

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.3500, 12.6454, 4.0780

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2410, 34.8842, 11.1896 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(64, 31, 122)` looks like.

```
.text, #text, p{  
    color:rgb(64, 31, 122)  
}
```

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(64, 31, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 31, 122) }
```

Border

The CSS property to change the border of an element to YUV 51.2410, 34.8842, 11.1896 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(64, 31, 122) }
```


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

```
.border{ border-color:rgb(64, 31, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 31, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 31, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 31, 122);  
box-shadow:4px 4px 4px 4px rgb(64, 31,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 51.2410, 34.8842, 11.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 31, 122) }
```

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

```
.background{ background-color: rgb(64, 31,  
122) }
```

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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