

Converting Colors

YUV(25.1810, 2.3758, 31.4133)

Have a look what the booklet for
YUV(25.1810, 2.3758, 31.4133)
contains.

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Color

**YUV(25.1810, 2.3758,
31.4133)**

Conversions

Conversions Part 1

Format	Color
Hex	3D061E
RGB	61, 6, 30
RGB Percent	24%, 2%, 12%
CMY	0.7608, 0.9765, 0.8824
CMYK	0.00, 0.90, 0.51, 0.76
HSL	334°, 82%, 13%
HSV	334°, 90%, 24%
XYZ	2.2239, 1.2161, 1.3458
YIQ	25.1810, 25.0760, 19.1240

Conversions

Conversions Part 2

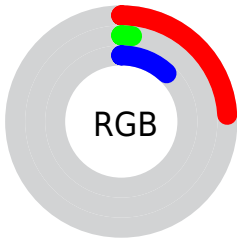
Format	Color
RYB	61, 6, 30
Decimal	3999262
CIELab	10.68, 28.03, -0.25
CIELCh	11, 28.030, 359.489
Yxy	1.2161, 0.4647, 0.2541
Android (android.graphics.Color)	4282189342 (0xFF3D061E)
YUV	25.1810, 2.3758, 31.4133
Hunter-Lab	11.0276, 16.6996, 0.4836




Details

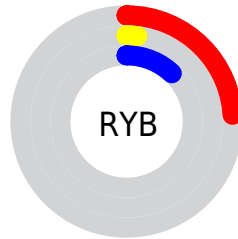
The YUV color **25.1810, 2.3758, 31.4133** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **41.8190, -2.3758, -31.4133**, and the grayscale version is **25.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **73.5080, -0.2504, 33.7575**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.3170, 2.8017, 34.8020**, and if you desaturate by 10%, it is **29.0450, 1.9498, 28.0245**.

Distribution







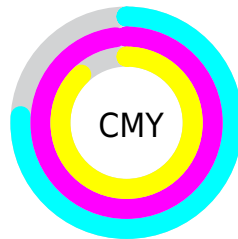
-  Red (24%)
-  Green (2%)
-  Blue (12%)






-  Red (24%)
-  Yellow (2%)
-  Blue (12%)



-  Cyan (0%)
-  Magenta (90%)
-  Yellow (51%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (98%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.1810, 2.3758, 31.4133 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 25.1810, 2.3758, 31.4133 by changing the saturation by 10% instead.

■ 25.1810, 2.3758,
31.4133

■ 25.1810, 2.3758,
31.4133

■ 245.0210, 4.9196,
8.7516

■ 13.0140, -4.4439,
25.4207

■ 73.5080, -0.2504,
33.7575

■ 0.0000, 0.0000,
0.0000

■ 98.1060, -0.5453,
34.9870


■ 123.1170, -0.5507,
36.7314


■ 149.7150, -0.8455,
37.9609


■ 176.6120, -1.2877,
39.8053


■ 204.3240, -1.1457,

40.9349

 225.1480, 2.3920,
26.1802


 25.1810, 2.3758,
31.4133

 25.1810, 2.3758,
31.4133


 21.3170, 2.8017,
34.8020

 29.0450, 1.9498,
28.0245

 33.0230, 1.9607,
24.5358

 36.8870, 1.5347,
21.1471

 40.8650, 1.5456,
17.6584

 45.3160, 0.8302,
13.7549

■ 49.2940, 0.8411,
10.2662

■ 53.1580, 0.4151,
6.8774

■ 57.1360, 0.4260,
3.3887

■ 61.0000, 0.0000,
0.0000

Harmonies

Analogous

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



28.3520, 9.6865, 19.8623



25.1810, 2.3758, 31.4133



24.9070, -8.8282, 31.6536

Triad

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



25.1810, 2.3758, 31.4133



25.3510, -12.4980, -4.6928



28.2000, 16.6634, -24.7314

Complementary

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



25.1810, 2.3758, 31.4133



41.8190, -2.3758, -31.4133

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.



27.0770, 9.8220, -23.7465



25.1810, 2.3758, 31.4133



21.4740, -9.1077, -18.8327

Square

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



25.1810, 2.3758, 31.4133



27.7980, -13.7044, 8.9472



25.4980, 1.2335, -22.3617



25.8350, 20.2943, -22.6573

Rectangle

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



25.1810, 2.3758, 31.4133



26.7230, -13.1744, 25.6759



25.4980, 1.2335, -22.3617



27.7440, 14.9162, -24.3315

Sweetspot

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



25.1810, 2.3758, 31.4133



65.3050, 0.8356, 12.0105



21.2400, 19.6017, 12.9445



32.4570, 0.2677, 7.4922



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.



25.1810, 2.3758, 31.4133



27.4970, 3.2060, 45.1681



24.2060, -8.9756, 32.2683



29.0110, -0.0054, 1.7444



32.7800, 4.0525, 53.6899



77.4360, 9.6451, 126.7826

Inverse Universe

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



25.1810, 2.3758, 31.4133



27.4970, 3.2060, 45.1681



42.7940, 8.9756, -32.2683



29.0110, -0.0054, 1.7444



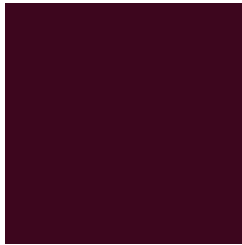
32.7800, 4.0525, 53.6899



77.4360, 9.6451, 126.7826

Previews

White Background



This preview shows how the YUV color 25.1810, 2.3758, 31.4133 looks on a white background.

Color Contrast Check

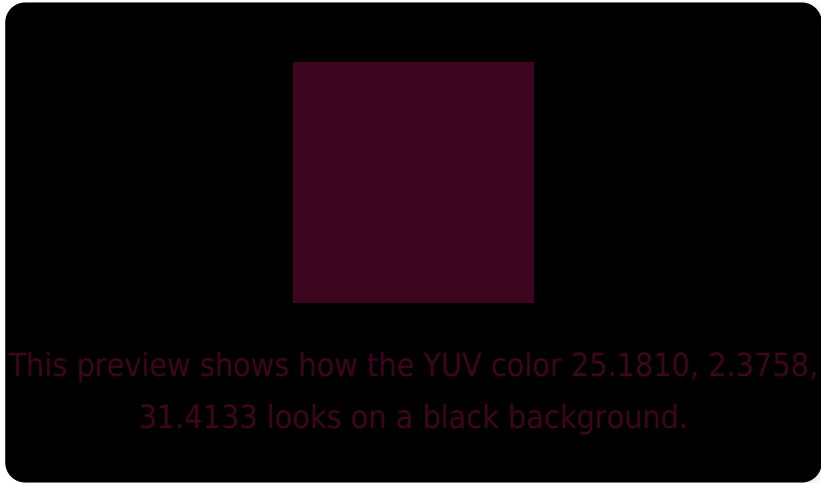
Large Text (above 18pt) WCAG AA ✓ Pass

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

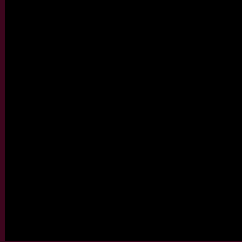
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.1810, 2.3758, 31.4133

Background



This preview shows how black text looks on a background with the YUV color 25.1810, 2.3758, 31.4133.



This preview shows how white text looks on a background with the YUV color 25.1810, 2.3758,

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

25.1810, 2.3758, 31.4133

Protanopia

32.3570, 5.2470, -2.9441

Deuteranopia

32.4520, -2.1948, 3.9886



Tritanopia

27.0530, -6.9281, 28.8945

Trichromacy



Original Color

25.1810, 2.3758, 31.4133

Protanomaly

30.0920, 3.8986, 9.5663

Deuteranomaly

29.9740, -0.4802, 14.0548

Tritanomaly

25.9760, -3.4392, 29.8390

Monochromacy



Original Color

25.1810, 2.3758, 31.4133

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0060, 0.9830, 11.3957

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.1810, 2.3758, 31.4133 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(61, 6, 30)` looks like.

```
.text, #text, p{  
    color:rgb(61, 6, 30)  
}
```

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(61, 6, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 6, 30) }
```

Border

The CSS property to change the border of an element to YUV 25.1810, 2.3758, 31.4133 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(61, 6, 30) }
```


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

```
.border{ border-color:rgb(61, 6, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 6, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 6, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 6, 30); box-shadow:4px  
4px 4px 4px rgb(61, 6, 30) }
```

Background

The CSS property to change the background color of an element to YUV 25.1810, 2.3758, 31.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 6, 30) }
```

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

```
.background{ background-color: rgb(61, 6,  
30) }
```

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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