

Converting Colors

YUV(51.8210, -1.8838, -2.4740)

Have a look what the booklet for
YUV(51.8210, -1.8838, -2.4740)
contains.

YUV(51.8210, -1.8838, -2.4740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(51.8210, -1.8838,
-2.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	313630
RGB	49, 54, 48
RGB Percent	19%, 21%, 19%
CMY	0.8078, 0.7882, 0.8118
CMYK	0.09, 0.00, 0.11, 0.79
HSL	110°, 6%, 20%
HSV	110°, 11%, 21%
XYZ	3.1193, 3.5047, 3.3084
YIQ	51.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

Format	Color
RYB	48, 54, 53
Decimal	3225136
CIELab	21.96, -3.54, 3.04
CIElCh	22, 4.671, 139.368
Yxy	3.5047, 0.3141, 0.3529
Android (android.graphics.Color)	4281415216 (0xFF313630)
YUV	51.8210, -1.8838, -2.4740
Hunter-Lab	18.7208, -3.0196, 2.6268

Details

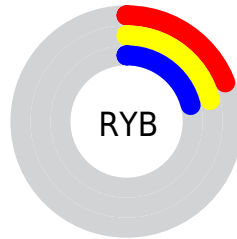
The YUV color **51.8210, -1.8838, -2.4740** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.1790, 1.8838, 2.4740**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4080, -2.1731, -2.9888**, and **6.1690, -3.0413, -4.5332** is the 20% darker color. If you saturate the color by 10%, you get **50.0550, -3.4781, -4.4332**, and if you desaturate by 10%, it is **53.5870, -0.2894, -0.5148**.

Distribution



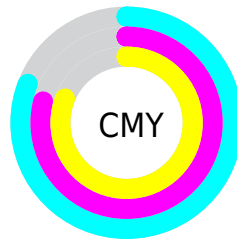
- Red (19%)
- Green (21%)
- Blue (19%)



- Red (19%)
- Yellow (21%)
- Blue (21%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (79%)



- Cyan (81%)
- Magenta (79%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.8210, -1.8838, -2.4740 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 51.8210, -1.8838, -2.4740 by changing the saturation by 10% instead.

■ 51.8210, -1.8838,
-2.4740

■ 51.8210, -1.8838,
-2.4740

255.0000, 0.0000,
0.0000

■ 30.8210, -1.8838,
-2.4740

■ 98.4080, -2.1731,
-2.9888

■ 6.1690, -3.0413,
-4.5332

■ 123.4080, -2.1731,
-2.9888

■ 0.0000, 0.0000,
0.0000

■ 148.4080, -2.1731,
-2.9888

■ 175.4080, -2.1731,
-2.9888

■ 202.9950, -2.4625,
-3.5036

■ 230.9950, -2.4625,

-3.5036

■ 51.8210, -1.8838,
-2.4740

■ 51.8210, -1.8838,
-2.4740

■ 50.0550, -3.4781,
-4.4332

■ 53.5870, -0.2894,
-0.5148

■ 47.8760, -5.3619,
-6.9073

■ 55.7660, 1.5944,
1.9592

■ 46.1100, -6.9562,
-8.8665

■ 57.5320, 3.1887,
3.9184

■ 43.9310, -8.8400,
-11.3405

■ 59.7110, 5.0725,
6.3925

■ 42.1650, -10.4343,
-13.2997

■ 61.4770, 6.6668,
8.3517

■ 40.1000, -11.8813,
-15.8737

■ 63.5420, 8.1138,
10.9257

■ 38.2200, -13.9125,
-17.7329

■ 65.4220, 10.1450,
12.7849

■ 36.1550, -15.3594,
-20.3069

■ 67.4870, 11.5919,
15.3589

■ 34.3890, -16.9538,
-22.2662

■ 69.3670, 13.6231,
17.2181

Harmonies

Analogous

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



52.2020, -3.0576, 0.6998



51.8210, -1.8838, -2.4740



51.8530, -0.4205, -5.1331

Triad

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



51.8210, -1.8838, -2.4740



52.1890, 3.3578, -3.6738



52.9900, -1.4741, 6.1478

Complementary

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



51.8210, -1.8838, -2.4740



50.1790, 1.8838, 2.4740

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.



53.1470, 0.4205, 5.1331



51.8210, -1.8838, -2.4740



52.7980, 3.0576, -0.6998

Square

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



51.8210, -1.8838, -2.4740



51.7650, 3.0739, -5.9329



53.1790, 1.8838, 2.4740



52.9360, -2.9264, 5.3181

Rectangle

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



51.8210, -1.8838, -2.4740



51.5970, 1.1847, -6.6626



53.1790, 1.8838, 2.4740



53.2180, -0.6005, 5.9478

Sweetspot

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



51.8210, -1.8838, -2.4740



70.4730, -0.7262, -0.4148



52.7290, -2.3314, 1.1147



35.4730, -0.7262, -0.4148



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



51.8210, -1.8838, -2.4740



67.8810, -2.8993, -3.4036



51.7500, -0.8628, -3.2887



27.0600, -1.0156, -0.9296



58.4890, -28.8351, -38.1399



139.6160, -68.8307, -89.9942

Inverse Universe

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



50.1790, 1.8838, 2.4740



65.4180, 2.7519, 4.0184



50.2500, 0.8628, 3.2887



26.2390, 0.8682, 1.5444



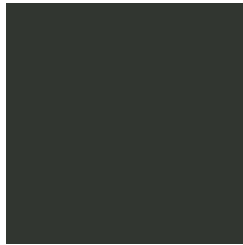
33.5110, 28.8351, 38.1399



79.6830, 68.6833, 90.6090

Previews

White Background



This preview shows how the YUV color 51.8210, -1.8838, -2.4740 looks on a white background.

Color Contrast Check

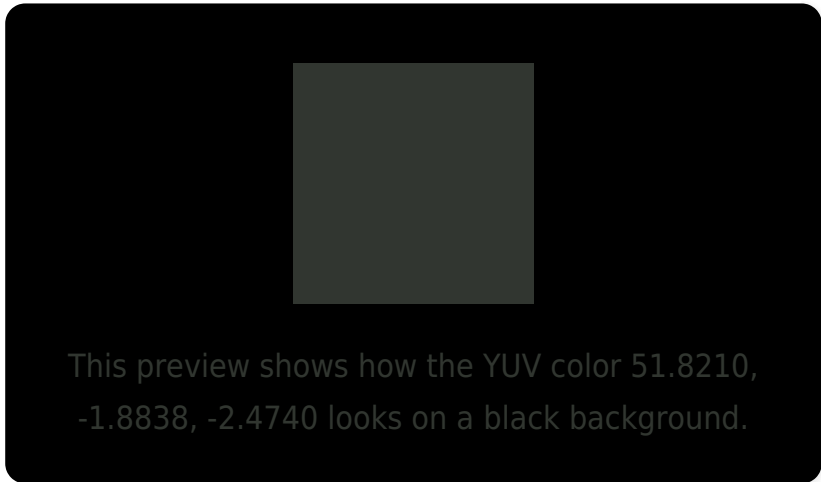
Large Text (above 18pt) WCAG AA ✓ Pass

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

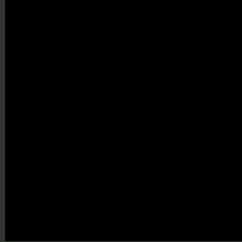
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.8210, -1.8838, -2.4740

Background



This preview shows how black text looks on a background with the YUV color 51.8210, -1.8838, -2.4740.



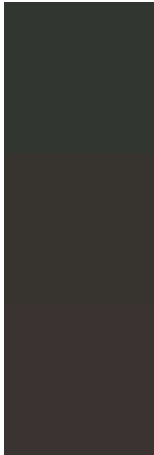
This preview shows how white text looks on a background with the YUV color 51.8210, -1.8838,

-2.4740.

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

51.8210, -1.8838, -2.4740

Protanopia

52.3270, -2.6262, 2.3442

Deuteranopia

53.1640, -2.0529, 5.1182



Tritanopia

52.5590, 2.1894, -2.2442

Trichromacy



Original Color

51.8210, -1.8838, -2.4740

Protanomaly

52.3160, -2.6208, 0.5999

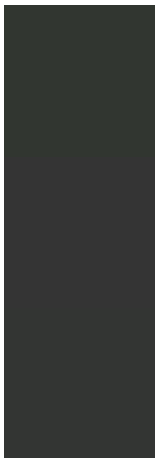
Deuteranomaly

52.5550, -1.7526, 2.1443

Tritanomaly

52.2170, 0.8790, -1.9443

Monochromacy



Original Color

51.8210, -1.8838, -2.4740

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1740, -0.5788, -1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8210, -1.8838, -2.4740 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, 54, 48)` looks like.

```
.text, #text, p{  
    color:rgb(49, 54, 48)  
}
```

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, 54, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 54, 48) }
```

Border

The CSS property to change the border of an element to YUV 51.8210, -1.8838, -2.4740 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, 54, 48) }
```


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

```
.border{ border-color:rgb(49, 54, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 54, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 54, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 54, 48);  
box-shadow:4px 4px 4px 4px rgb(49, 54, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.8210, -1.8838, -2.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 54, 48) }
```

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

```
.background{ background-color: rgb(49, 54,  
48) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor