

Converting Colors

YUV(51.8770, -10.2924,
-12.1701)

Have a look what the booklet for
YUV(51.8770, -10.2924, -12.1701)
contains.

YUV(51.8770, -10.2924, -12.1701)	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(51.8770, -10.2924,
-12.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	263F1F
RGB	38, 63, 31
RGB Percent	15%, 25%, 12%
CMY	0.8510, 0.7529, 0.8784
CMYK	0.40, 0.00, 0.51, 0.75
HSL	107°, 34%, 18%
HSV	107°, 51%, 25%
XYZ	2.8242, 4.0660, 1.9323
YIQ	51.8770, -4.6280, -15.2520

Conversions

Conversions Part 2

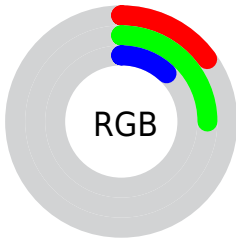
Format	Color
RYB	31, 63, 56
Decimal	2506527
CIELab	23.89, -17.07, 16.61
CIElCh	24, 23.813, 135.787
Yxy	4.0660, 0.3201, 0.4609
Android (android.graphics.Color)	4280696607 (0xFF263F1F)
YUV	51.8770, -10.2924, -12.1701
Hunter-Lab	20.1644, -10.2875, 8.4335

Details

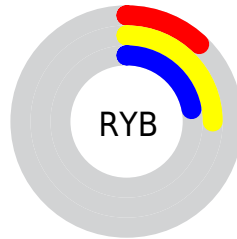
The YUV color **51.8770, -10.2924, -12.1701** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **42.1230, 10.2924, 12.1701**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.9370, -11.3079, -13.0997**, and **12.9140, -6.3666, -11.3256** is the 20% darker color. If you saturate the color by 10%, you get **49.6980, -12.1761, -14.6441**, and if you desaturate by 10%, it is **54.0560, -8.4086, -9.6961**.

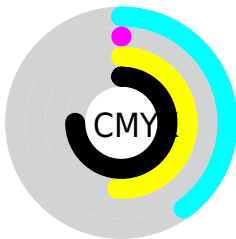
Distribution



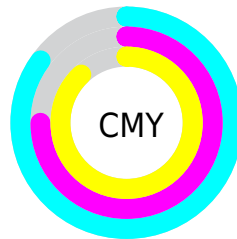
- Red (15%)
- Green (25%)
- Blue (12%)



- Red (12%)
- Yellow (25%)
- Blue (22%)



- Cyan (40%)
- Magenta (0%)
- Yellow (51%)
- Black (75%)



- Cyan (85%)
- Magenta (75%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.8770, -10.2924, -12.1701 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 51.8770, -10.2924, -12.1701 by changing the saturation by 10% instead.

■ 51.8770, -10.2924,
-12.1701

■ 51.8770, -10.2924,
-12.1701

■ 255.0000, 0.0000,
0.0000

■ 30.0620, -10.8766,
-11.4554

■ 98.9370, -11.3079,
-13.0997

■ 12.9140, -6.3666,
-11.3256

■ 123.8230,
-11.7447, -12.9998

■ 0.0000, 0.0000,
0.0000

■ 150.2960,
-12.4709, -13.4146

■ 176.8830,
-12.7603, -13.9294

■ 204.3560,
-13.4865, -14.3442

■ 232.3560,

-13.4865, -14.3442

■ 249.5020, -8.1355,
-3.9483

■ 51.8770, -10.2924,
-12.1701

■ 51.8770, -10.2924,
-12.1701

■ 49.6980, -12.1761,
-14.6441

■ 54.0560, -8.4086,
-9.6961

■ 47.4050, -14.4967,
-17.0182

■ 56.3490, -6.0881,
-7.3221

■ 45.2260, -16.3804,
-19.4922

■ 58.5280, -4.2043,
-4.8481

■ 43.0470, -18.2642,
-21.9662

■ 60.7070, -2.3206,
-2.3740

■ 41.1670, -20.2953,
-23.8255

■ 63.0000, 0.0000,
0.0000

■ 65.1790, 1.8838,
2.4740

■ 67.0590, 3.9149,
4.3333

■ 69.2380, 5.7987,
6.8073

■ 71.5310, 8.1192,
9.1813

Harmonies

Analogous

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



54.3690, -16.4509, 3.1844



51.8770, -10.2924, -12.1701



45.3070, 0.8346, -34.4722

Triad

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



51.8770, -10.2924, -12.1701



46.1810, 22.0958, -40.5007



57.0360, -4.4547, 28.9094

Complementary

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



51.8770, -10.2924, -12.1701



42.1230, 10.2924, 12.1701

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.



58.4790, 3.7079, 24.1359



51.8770, -10.2924, -12.1701



55.8150, 17.3462, -10.3618

Square

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



51.8770, -10.2924, -12.1701



47.5030, 17.0070, -41.6601



58.4540, 11.6082, 10.1258



56.3640, -12.0115, 25.9908

Rectangle

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



51.8770, -10.2924, -12.1701



45.5820, 7.1081, -39.9754



58.4540, 11.6082, 10.1258



57.7200, -1.8340, 28.3096

Sweetspot

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



51.8770, -10.2924, -12.1701



77.5280, -4.2043, -4.8481



55.2430, -11.9518, 6.8029



38.2940, -2.6099, -2.8888



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.



51.8770, -10.2924, -12.1701



64.6390, -16.0910, -18.9774



50.8100, -5.3293, -17.3734



29.7610, -0.8682, -1.5444



61.4570, -30.2983, -35.4808



144.9650, -71.4677, -84.1613

Inverse Universe

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



42.1230, 10.2924, 12.1701



49.3610, 16.0910, 18.9774



43.1900, 5.3293, 17.3734



28.9400, 1.0156, 0.9296



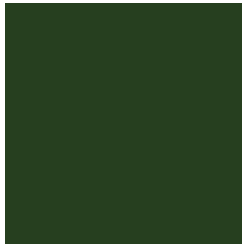
32.8420, 30.1509, 36.0956



77.0350, 71.4677, 84.1613

Previews

White Background



This preview shows how the YUV color 51.8770, -10.2924, -12.1701 looks on a white background.

Color Contrast Check

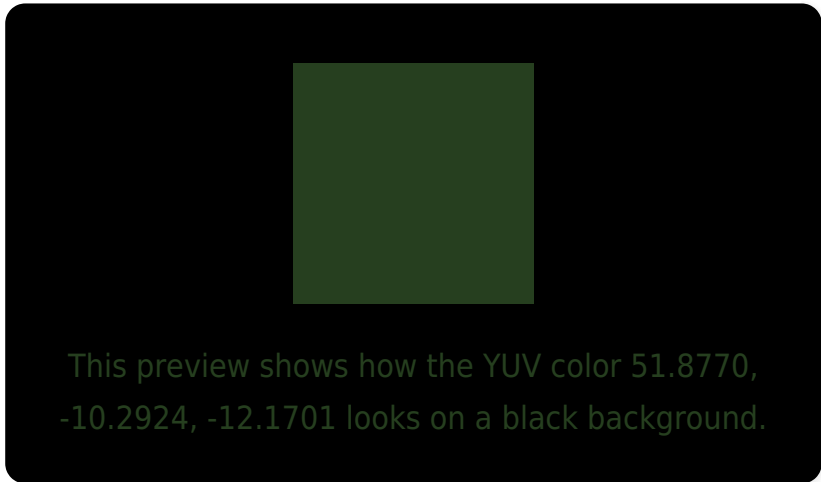
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8770, -10.2924, -12.1701

Background



This preview shows how black text looks on a background with the YUV color 51.8770, -10.2924, -12.1701.



This preview shows how white text looks on a background with the YUV color 51.8770, -10.2924,

-12.1701.

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

51.8770, -10.2924, -12.1701

Protanopia

55.6020, -13.1148, 6.4880

Deuteranopia

56.0910, -11.3839, 11.3212



Tritanopia

55.0850, 4.3951, -9.7215

Trichromacy



Original Color

51.8770, -10.2924, -12.1701

Protanomaly

54.1990, -11.9301, -0.1745

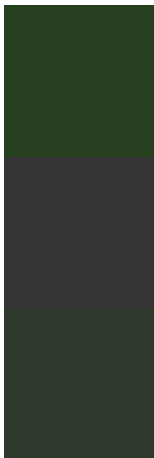
Deuteranomaly

54.4490, -11.0674, 3.1142

Tritanomaly

53.7060, -0.8411, -10.2662

Monochromacy



Original Color

51.8770, -10.2924, -12.1701

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9410, -3.9149, -4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8770, -10.2924, -12.1701 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(38, 63, 31)` looks like.

```
.text, #text, p{  
    color:rgb(38, 63, 31)  
}
```

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(38, 63, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 63, 31) }
```

Border

The CSS property to change the border of an element to YUV 51.8770, -10.2924, -12.1701 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(38, 63, 31) }
```


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

```
.border{ border-color:rgb(38, 63, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 63, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 63, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 63, 31);  
box-shadow:4px 4px 4px 4px rgb(38, 63, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.8770, -10.2924, -12.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 63, 31) }
```

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

```
.background{ background-color: rgb(38, 63,  
31) }
```

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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