

Converting Colors

YUV(51.2820, -17.8870, -2.8783)

Have a look what the booklet for
YUV(51.2820, -17.8870, -2.8783)
contains.

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Color

**YUV(51.2820, -17.8870,
-2.8783)**

Conversions

Conversions Part 1

Format	Color
Hex	303C0F
RGB	48, 60, 15
RGB Percent	19%, 24%, 6%
CMY	0.8118, 0.7647, 0.9412
CMYK	0.20, 0.00, 0.75, 0.76
HSL	76°, 60%, 15%
HSV	76°, 75%, 24%
XYZ	2.9210, 3.8946, 1.0497
YIQ	51.2820, 7.2930, -16.5390

Conversions

Conversions Part 2

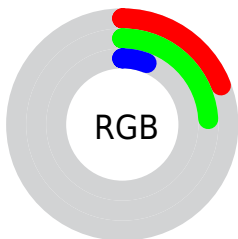
Format	Color
R_{YB}	15, 60, 27
Decimal	3161103
CIE Lab	23.32, -12.87, 25.23
CIE LCh	23, 28.318, 117.024
Yxy	3.8946, 0.3714, 0.4952
Android (android.graphics.Color)	4281351183 (0xFF303C0F)
YUV	51.2820, -17.8870, -2.8783
Hunter-Lab	19.7347, -8.1153, 10.6606

Details

The YUV color **51.2820, -17.8870, -2.8783** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.7180, 17.8870, 2.8783**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.3530, -18.9080, -2.0636**, and **11.1530, -5.4984, -9.7812** is the 20% darker color. If you saturate the color by 10%, you get **50.0000, -20.2130, -3.5080**, and if you desaturate by 10%, it is **52.5640, -15.5611, -2.2486**.

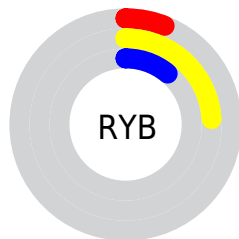
Distribution



Red (19%)

Green (24%)

Blue (6%)



Red (6%)

Yellow (24%)

Blue (11%)

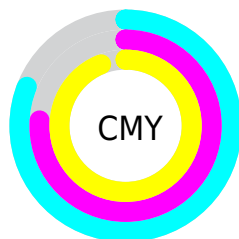


Cyan (20%)

Magenta (0%)

Yellow (75%)

Black (76%)



Cyan (81%)


Magenta (76%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 51.2820, -17.8870, -2.8783 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 51.2820, -17.8870, -2.8783 by changing the saturation by 10% instead.


 51.2820, -17.8870,
-2.8783


 51.2820, -17.8870,
-2.8783


 253.6320, -5.2416,
1.1997


 30.3790, -14.9768,
-2.9634


 98.3530, -18.9080,
-2.0636


 11.1530, -5.4984,
-9.7812

 123.7120,
-20.0710, -2.3784

 0.0000, 0.0000,
0.0000

 149.5980,
-20.5078, -2.2784

 176.3700,
-21.3814, -2.0785

 203.6690,
-21.5288, -1.4637

 232.1420,

-22.2550, -1.8785

■ 250.4400,
-17.4719, 3.9991

■ 51.2820, -17.8870,
-2.8783

■ 51.2820, -17.8870,
-2.8783

■ 50.0000, -20.2130,
-3.5080

■ 52.5640, -15.5611,
-2.2486

■ 49.0170, -22.6864,
-3.5229

■ 53.5470, -13.0877,
-2.2337

■ 48.3760, -23.8494,
-3.8378

■ 54.8290, -10.7617,
-1.6040

■ 55.8120, -8.2883,
-1.5891

■ 57.0940, -5.9623,
-0.9594

■ 58.3760, -3.6364,
-0.3298

■ 59.3590, -1.1630,
-0.3148

■ 60.6410, 1.1630,
0.3148

■ 61.6240, 3.6364,
0.3298

Harmonies

Analogous

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



53.4690, -21.4302, 13.6207



51.2820, -17.8870, -2.8783



46.7830, -7.7810, -24.3657

Triad

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



51.2820, -17.8870, -2.8783



47.3550, 21.5170, -41.5303



55.3660, 1.7916, 32.1280

Complementary

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



51.2820, -17.8870, -2.8783



23.7180, 17.8870, 2.8783

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.



57.2810, 10.7075, 19.0476



51.2820, -17.8870, -2.8783



45.8050, 25.7321, -40.1710

Square

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



51.2820, -17.8870, -2.8783



47.1780, 13.2232, -41.3751



56.0870, 18.1981, -3.5843



54.7440, -8.2548, 34.4275

Rectangle

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



51.2820, -17.8870, -2.8783



43.2850, 0.8455, -37.9609



56.0870, 18.1981, -3.5843



56.7400, 4.5652, 29.1690

Sweetspot

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



51.2820, -17.8870, -2.8783



75.4530, -7.1253, -1.2743



35.4990, -10.1060, 21.4874



38.7350, -4.7994, -0.6446



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.



51.2820, -17.8870, -2.8783



65.2250, -28.2119, -4.5823



44.7040, -14.6441, -16.4034



30.3590, -1.1630, -0.3148



75.8090, -37.3738, -5.9715



179.0510, -88.2721, -14.0767

Inverse Universe

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



23.7180, 17.8870, 2.8783



21.7750, 28.2119, 4.5823



30.2960, 14.6441, 16.4034



28.3420, 1.3104, -0.2999



18.1910, 37.3738, 5.9715



42.9490, 88.2721, 14.0767

Previews

White Background



This preview shows how the YUV color 51.2820, -17.8870, -2.8783 looks on a white background.

Color Contrast Check

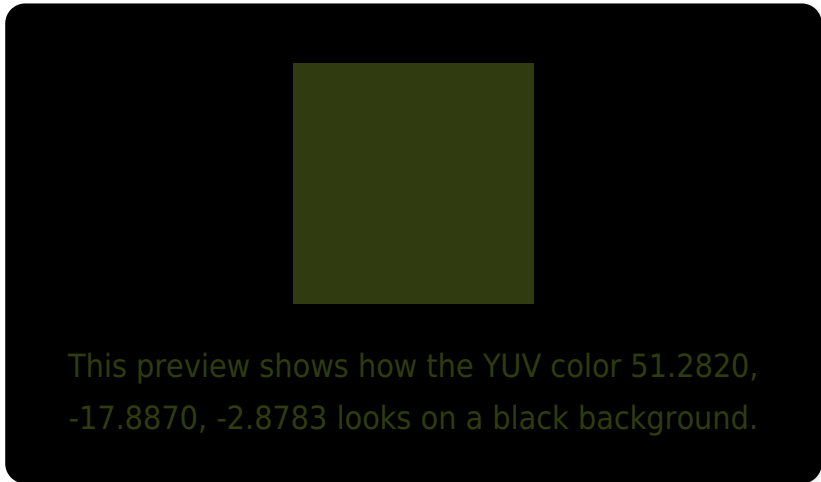
Large Text (above 18pt) WCAG AA ✓ Pass

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

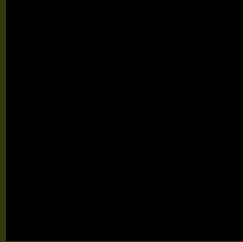
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.2820, -17.8870, -2.8783

Background



This preview shows how black text looks on a background with the YUV color 51.2820, -17.8870, -2.8783.



This preview shows how white text looks on a background with the YUV color 51.2820, -17.8870,

-2.8783.

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

51.2820, -17.8870, -2.8783

Protanopia

53.0060, -19.2300, 7.8877

Deuteranopia

54.0930, -17.7938, 13.9504



Tritanopia

55.5590, 2.1894, -2.2442

Trichromacy



Original Color

51.2820, -17.8870, -2.8783

Protanomaly

52.0980, -18.7823, 4.2991

Deuteranomaly

53.3480, -17.9196, 7.5878

Tritanomaly

53.7240, -4.7939, -2.3889

Monochromacy



Original Color

51.2820, -17.8870, -2.8783

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9800, -6.3991, -0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2820, -17.8870, -2.8783 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(48, 60, 15)` looks like.

```
.text, #text, p{  
    color:rgb(48, 60, 15)  
}
```

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(48, 60, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 60, 15) }
```

Border

The CSS property to change the border of an element to YUV 51.2820, -17.8870, -2.8783 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(48, 60, 15) }
```


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

```
.border{ border-color:rgb(48, 60, 15) }
```

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

Here you see how a box with a 4 pixel rgb(48, 60, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 60, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 60, 15);  
box-shadow:4px 4px 4px 4px rgb(48, 60, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.2820, -17.8870, -2.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 60, 15) }
```

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

```
.background{ background-color: rgb(48, 60,  
15) }
```

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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