

Converting Colors

YUV(50.5190, -17.5109,
-30.2732)

Have a look what the booklet for
YUV(50.5190, -17.5109, -30.2732)
contains.

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Color

**YUV(50.5190, -17.5109,
-30.2732)**

Conversions

Conversions Part 1

Format	Color
Hex	104B0F
RGB	16, 75, 15
RGB Percent	6%, 29%, 6%
CMY	0.9373, 0.7059, 0.9412
CMYK	0.79, 0.00, 0.80, 0.71
HSL	119°, 67%, 18%
HSV	119°, 80%, 29%
XYZ	2.8160, 5.1768, 1.3027
YIQ	50.5190, -15.9040, -31.1680

Conversions

Conversions Part 2

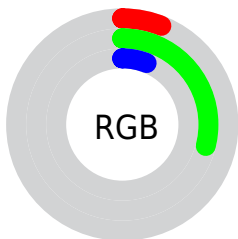
Format	Color
RYB	15, 75, 74
Decimal	1067791
CIELab	27.23, -31.63, 28.80
CIElCh	27, 42.776, 137.688
Yxy	5.1768, 0.3029, 0.5569
Android (android.graphics.Color)	4279257871 (0xFF104B0F)
YUV	50.5190, -17.5109, -30.2732
Hunter-Lab	22.7526, -17.7249, 12.5321

Details

The YUV color **50.5190, -17.5109, -30.2732** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **39.4810, 17.5109, 30.2732**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.2590, -19.8477, -27.4141**, and **19.3710, -9.5499, -16.9884** is the 20% darker color. If you saturate the color by 10%, you get **47.5140, -19.9734, -33.7768**, and if you desaturate by 10%, it is **53.5240, -15.0483, -26.7695**.

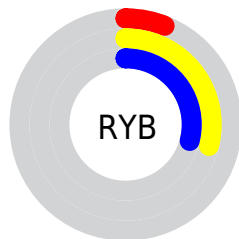
Distribution



Red (6%)

Green (29%)

Blue (6%)



Red (6%)

Yellow (29%)

Blue (29%)

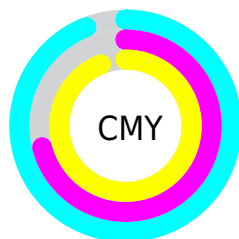


Cyan (79%)

Magenta (0%)

Yellow (80%)

Black (71%)



Cyan (94%)

Magenta (71%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.5190, -17.5109, -30.2732 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 50.5190, -17.5109, -30.2732 by changing the saturation by 10% instead.

■ 50.5190, -17.5109,
-30.2732

■ 50.5190, -17.5109,
-30.2732

■ 253.9740, -3.9312,
0.8998

■ 30.5240, -15.0483,
-26.7695

■ 101.2590,
-19.8477, -27.4141

■ 19.3710, -9.5499,
-16.9884

■ 126.7320,
-20.5739, -27.8290

■ 0.0000, 0.0000,
0.0000


■ 153.2050,
-21.3001, -28.2438


■ 180.0910,
-21.7369, -28.1438


■ 208.2650,
-22.3156, -29.1734


■ 232.3410,


-20.8741, -24.8551


 243.9050,
-12.7712, -10.4407


 50.5190, -17.5109,
-30.2732


 50.5190, -17.5109,
-30.2732


 47.5140, -19.9734,
-33.7768


 53.5240, -15.0483,
-26.7695

 44.3240, -21.8517,
-37.9951

 56.7140, -13.1700,
-22.5512

 59.7190, -10.7075,
-19.0476

 62.9090, -8.8291,
-14.8292

 65.9140, -6.3666,
-11.3256

■ 68.8050, -4.3409,
-7.7220

■ 72.1090, -2.0257,
-3.6036

■ 75.0000, 0.0000,
0.0000

■ 78.0050, 2.4625,
3.5036

Harmonies

Analogous

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



58.7420, -28.9598, 1.9803



50.5190, -17.5109, -30.2732



51.3720, -1.1694, -45.0532

Triad

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



50.5190, -17.5109, -30.2732



56.9700, 35.5108, -49.9627



58.8590, -5.8465, 55.3747

Complementary

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



50.5190, -17.5109, -30.2732



39.4810, 17.5109, 30.2732

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.



61.3000, 8.7261, 47.9719



50.5190, -17.5109, -30.2732



58.6570, 33.6931, -26.8862

Square

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



50.5190, -17.5109, -30.2732



57.9670, 26.6383, -50.8371



66.0390, 21.1798, 20.1368



60.2540, -21.8172, 44.5042

Rectangle

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



50.5190, -17.5109, -30.2732



54.5810, 8.5876, -47.8675



66.0390, 21.1798, 20.1368



58.8250, -0.8997, 55.4045

Sweetspot

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



50.5190, -17.5109, -30.2732



87.5010, -6.6560, -11.8404



67.5730, -25.9185, 6.5135



42.5170, -4.1989, -6.5924



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



50.5190, -17.5109, -30.2732



58.8900, -27.0608, -47.2615



53.5260, -4.6963, -33.7873



36.3480, -1.1576, -2.0592



60.4720, -29.8127, -51.2799



136.2060, -67.1496, -115.9447

Inverse Universe

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



39.4810, 17.5109, 30.2732



41.8110, 27.2082, 46.6468



36.4740, 4.6963, 33.7873



35.6520, 1.1576, 2.0592



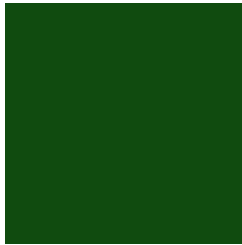
41.5280, 29.8127, 51.2799



93.7940, 67.1496, 115.9447

Previews

White Background



This preview shows how the YUV color 50.5190, -17.5109, -30.2732 looks on a white background.

Color Contrast Check

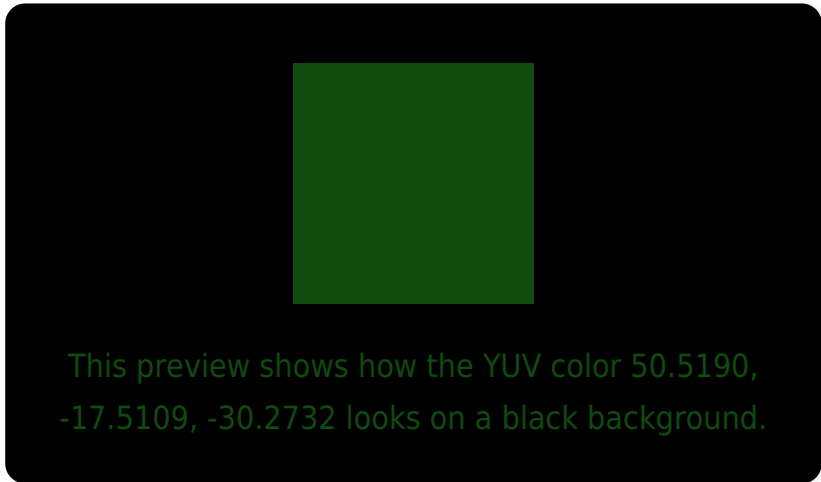
Large Text (above 18pt) WCAG AA ✓ Pass

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

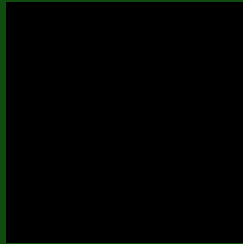
Any Text WCAG AA × Fail

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 50.5190, -17.5109, -30.2732 Background



This preview shows how black text looks on a background with the YUV color 50.5190, -17.5109, -30.2732.



This preview shows how white text looks on a background with the YUV color 50.5190, -17.5109,

-30.2732.

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

50.5190, -17.5109, -30.2732

Protanopia

61.3500, -24.3296, 10.2170

Deuteranopia

62.5340, -19.9833, 16.1947



Tritanopia

59.9200, 7.9274, -22.7318

Trichromacy



Original Color

50.5190, -17.5109, -30.2732

Protanomaly

57.5330, -21.9548, -4.8524

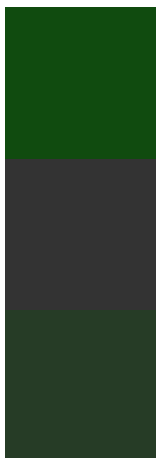
Deuteranomaly

57.9510, -19.2028, -0.8340

Tritanomaly

56.4930, -1.2290, -25.8654

Monochromacy



Original Color

50.5190, -17.5109, -30.2732

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.5190, -17.5109, -30.2732 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(16, 75, 15)` looks like.

```
.text, #text, p{  
    color:rgb(16, 75, 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(16, 75, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 75, 15) }
```

Border

The CSS property to change the border of an element to YUV 50.5190, -17.5109, -30.2732 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(16, 75, 15) }
```


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

```
.border{ border-color:rgb(16, 75, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 75, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 75, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 75, 15);  
box-shadow:4px 4px 4px 4px rgb(16, 75, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.5190, -17.5109, -30.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 75, 15) }
```

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

```
.background{ background-color: rgb(16, 75,  
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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