

Converting Colors

YUV(75.9020, -31.9967,
-50.7801)

Have a look what the booklet for
YUV(75.9020, -31.9967, -50.7801)
contains.

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Color

**YUV(75.9020, -31.9967,
-50.7801)**

Conversions

Conversions Part 1

Format	Color
Hex	12760B
RGB	18, 118, 11
RGB Percent	7%, 46%, 4%
CMY	0.9294, 0.5373, 0.9569
CMYK	0.85, 0.00, 0.91, 0.54
HSL	116°, 83%, 25%
HSV	116°, 91%, 46%
XYZ	6.7883, 13.1096, 2.4892
YIQ	75.9020, -25.2530, -54.4770

Conversions

Conversions Part 2

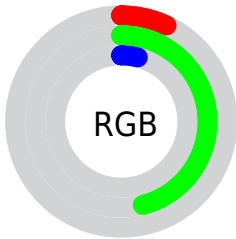
Format	Color
R_{YB}	11, 118, 111
Decimal	1209867
CIE _{Lab}	42.93, -46.55, 44.84
CIE _{LCh}	43, 64.632, 136.075
Yxy	13.1096, 0.3032, 0.5856
Android (android.graphics.Color)	4279399947 (0xFF12760B)
YUV	75.9020, -31.9967, -50.7801
Hunter-Lab	36.2072, -29.8967, 21.2689

Details

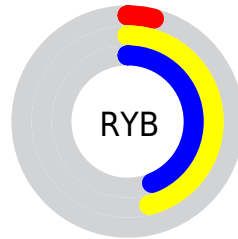
The YUV color **75.9020, -31.9967, -50.7801** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **53.0980, 31.9967, 50.7801**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1310, -32.6026, -43.0879**, and **39.9160, -19.6786, -35.0063** is the 20% darker color. If you saturate the color by 10%, you get **71.6580, -35.3274, -55.8281**, and if you desaturate by 10%, it is **80.5590, -28.3766, -45.2172**.

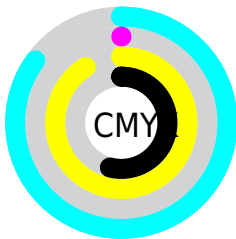
Distribution



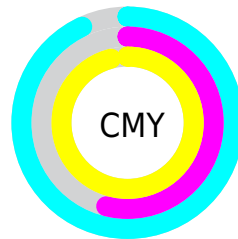
- Red (7%)
- Green (46%)
- Blue (4%)



- Red (4%)
- Yellow (46%)
- Blue (44%)



- Cyan (85%)
- Magenta (0%)
- Yellow (91%)
- Black (54%)



- Cyan (93%)
- Magenta (54%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.9020, -31.9967, -50.7801 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 75.9020, -31.9967, -50.7801 by changing the saturation by 10% instead.

■ 75.9020, -31.9967,
-50.7801

■ 75.9020, -31.9967,
-50.7801

255.0000, 0.0000,
0.0000

■ 54.5910, -26.9134,
-47.8763

■ 133.1310,
-32.6026, -43.0879

■ 39.9160, -19.6786,
-35.0063

■ 160.7890,
-33.9130, -42.7880

■ 27.0020, -13.3120,
-23.6808

■ 188.5610,
-34.7866, -42.5880

■ 10.5660, -5.2090,
-9.2664


■ 216.4470,
-35.2234, -42.4880


■ 0.0000, 0.0000,
0.0000


■ 228.1960,
-27.7046, -27.3589


■ 240.0590,


-19.7491, -12.3297


 252.0360,
-11.3567, 2.5994


 75.9020, -31.9967,
-50.7801


 75.9020, -31.9967,
-50.7801


 71.6580, -35.3274,
-55.8281

 80.5590, -28.3766,
-45.2172

 85.2160, -24.7565,
-39.6544

 89.7590, -21.5732,
-33.9916

 94.4160, -17.9531,
-28.4288

 99.0730, -14.3330,
-22.8660

■ 103.7300,
-10.7129, -17.3032

■ 108.3870, -7.0928,
-11.7404

■ 112.9300, -3.9095,
-6.0776

■ 117.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



92.3990, -45.5527, 4.0351



75.9020, -31.9967, -50.7801



80.6370, -3.2720, -70.7186

Triad

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



75.9020, -31.9967, -50.7801



90.9890, 56.7004, -79.7974



87.1010, -5.9658, 93.7504

Complementary

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



75.9020, -31.9967, -50.7801



53.0980, 31.9967, 50.7801

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.



92.9030, 17.7958, 79.0151



75.9020, -31.9967, -50.7801



80.8960, 61.1833, -70.9458

Square

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



75.9020, -31.9967, -50.7801



92.4930, 42.1550, -81.1164



103.0030, 35.9875, 30.6924



92.8250, -34.4237, 74.6985

Rectangle

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



75.9020, -31.9967, -50.7801



85.4420, 12.6001, -74.9326



103.0030, 35.9875, 30.6924



85.9190, 3.4909, 93.9100

Sweetspot

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



75.9020, -31.9967, -50.7801



136.6650, -12.1598, -19.8772



101.6930, -44.7116, 14.3012



67.2730, -7.5296, -11.6404



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



75.9020, -31.9967, -50.7801



92.8010, -45.7509, -72.6165



79.0530, -10.8721, -59.6825



56.5220, -1.7363, -3.0888



74.0060, -36.4850, -57.8873



151.5340, -74.7063, -118.8633

Inverse Universe

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



53.0980, 31.9967, 50.7801



60.1990, 45.7509, 72.6165



49.9470, 10.8721, 59.6825



55.1790, 1.8838, 2.4740



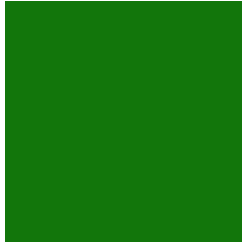
47.9940, 36.4850, 57.8873



98.4660, 74.7063, 118.8633

Previews

White Background



This preview shows how the YUV color 75.9020, -31.9967, -50.7801 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

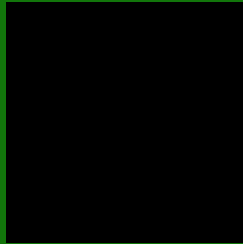
Any Text WCAG AA × Fail

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 75.9020, -31.9967, -50.7801 Background



This preview shows how black text looks on a background with the YUV color 75.9020, -31.9967, -50.7801.



This preview shows how white text looks on a background with the YUV color 75.9020, -31.9967,

-50.7801.

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

75.9020, -31.9967, -50.7801

Protanopia

93.3730, -46.0329, 18.0899

Deuteranopia

97.4030, -34.7087, 25.9566



Tritanopia

93.6840, 12.4808, -36.5569

Trichromacy



Original Color

75.9020, -31.9967, -50.7801

Protanomaly

86.8860, -40.8628, -6.9160

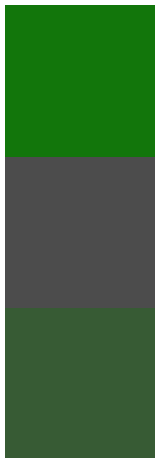
Deuteranomaly

89.4550, -33.7483, -2.1530

Tritanomaly

87.4110, -3.6536, -41.5794

Monochromacy



Original Color

75.9020, -31.9967, -50.7801

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7900, -11.7285, -18.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9020, -31.9967, -50.7801 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(18, 118, 11)` looks like.

```
.text, #text, p{  
    color:rgb(18, 118, 11)  
}
```

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(18, 118, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 118, 11) }
```

Border

The CSS property to change the border of an element to YUV 75.9020, -31.9967, -50.7801 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(18, 118, 11) }
```


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

```
.border{ border-color:rgb(18, 118, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 118, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 118, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 118, 11);  
box-shadow:4px 4px 4px 4px rgb(18, 118,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 75.9020, -31.9967, -50.7801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 118, 11) }
```

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

```
.background{ background-color: rgb(18, 118,  
11) }
```

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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