

Converting Colors

YUV(49.9270, -9.3310, 6.2030)

Have a look what the booklet for
YUV(49.9270, -9.3310, 6.2030)
contains.

YUV(49.9270, -9.3310, 6.2030)	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(49.9270, -9.3310,
6.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	39321F
RGB	57, 50, 31
RGB Percent	22%, 20%, 12%
CMY	0.7765, 0.8039, 0.8784
CMYK	0.00, 0.12, 0.46, 0.78
HSL	44°, 30%, 17%
HSV	44°, 46%, 22%
XYZ	3.0753, 3.2500, 1.7616
YIQ	49.9270, 10.2710, -4.4250

Conversions

Conversions Part 2

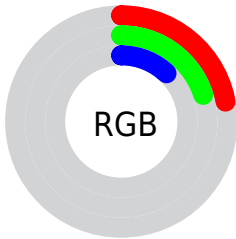
Format	Color
RYB	41, 57, 31
Decimal	3748383
CIELab	21.02, -0.24, 13.24
CIELCh	21, 13.244, 91.026
Yxy	3.2500, 0.3803, 0.4019
Android (android.graphics.Color)	4281938463 (0xFF39321F)
YUV	49.9270, -9.3310, 6.2030
Hunter-Lab	18.0277, -1.0990, 6.8260

Details

The YUV color **49.9270, -9.3310, 6.2030** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38.0730, 9.3310, -6.2030**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.2970, -10.4994, 7.6325**, and **3.8430, -1.8946, 1.0147** is the 20% darker color. If you saturate the color by 10%, you get **48.0690, -11.3730, 7.8325**, and if you desaturate by 10%, it is **51.7850, -7.2890, 4.5736**.

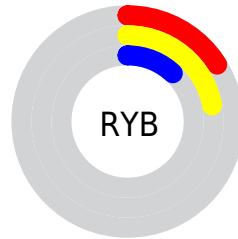
Distribution



Red (22%)

Green (20%)

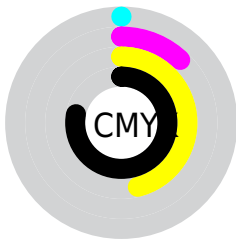
Blue (12%)



Red (16%)

Yellow (22%)

Blue (12%)

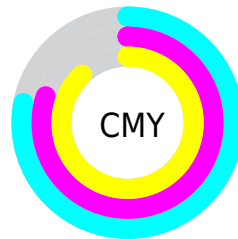


Cyan (0%)

Magenta (12%)

Yellow (46%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.9270, -9.3310, 6.2030 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 49.9270, -9.3310, 6.2030 by changing the saturation by 10% instead.

■ 49.9270, -9.3310,
6.2030

■ 49.9270, -9.3310,
6.2030

■ 255.0000, 0.0000,
0.0000

■ 28.6990, -10.2046,
6.4030

■ 96.2970, -10.4994,
7.6325

■ 3.8430, -1.8946,
1.0147

■ 121.1830,
-10.9362, 7.7325

■ 0.0000, 0.0000,
0.0000


■ 147.0690,
-11.3730, 7.8325


■ 173.3680,
-11.5204, 8.4473


■ 200.6670,
-11.6678, 9.0620


■ 228.5530,


-12.1046, 9.1620


 252.3780,
-10.0464, 2.2995


 49.9270, -9.3310,
6.2030


 49.9270, -9.3310,
6.2030


 48.0690, -11.3730,
7.8325


 51.7850, -7.2890,
4.5736


 46.9120, -13.2676,
8.8472


 52.9420, -5.3944,
3.5589


 45.0540, -15.3096,
10.4766

 54.8000, -3.3524,
1.9294

 43.7830, -17.6410,
11.5913

 56.0710, -1.0210,
0.8147

 41.9250, -19.6830,
13.2208

 57.9290, 1.0210,
-0.8147

■ 41.6970, -20.5566,
13.4207

■ 59.0860, 2.9156,
-1.8294

■ 60.9440, 4.9576,
-3.4589

■ 62.2150, 7.2890,
-4.5736

■ 63.9590, 8.8942,
-6.1030

Harmonies

Analogous

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



50.9000, -8.3317, 12.3657



49.9270, -9.3310, 6.2030



49.0400, -7.4147, -1.7891

Triad

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



49.9270, -9.3310, 6.2030



45.3930, 7.2013, -23.1467



52.0920, 3.8986, 9.5663

Complementary

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



49.9270, -9.3310, 6.2030



38.0730, 9.3310, -6.2030

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.



51.3620, 7.7095, 0.5595



49.9270, -9.3310, 6.2030



46.8110, 9.9532, -19.1282

Square

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



49.9270, -9.3310, 6.2030



45.8620, 2.5330, -19.1730



49.2790, 10.2155, -9.8917



51.6860, -0.3382, 15.1844

Rectangle

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



49.9270, -9.3310, 6.2030



47.6910, -4.7777, -7.6220



49.2790, 10.2155, -9.8917



52.1240, 5.3619, 6.9073

Sweetspot

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



49.9270, -9.3310, 6.2030



71.0990, -3.4998, 2.5442



39.5720, -0.7750, 15.2844



36.1420, -2.0420, 1.6295



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



49.9270, -9.3310, 6.2030



62.8690, -14.7254, 9.7619



52.2420, -10.4723, -1.0892



27.0710, -1.0210, 0.8147



66.8370, -32.9506, 22.0680



159.4010, -78.5847, 52.2683

Inverse Universe

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



38.0730, 9.3310, -6.2030



44.1310, 14.7254, -9.7619



35.7580, 10.4723, 1.0892



25.9290, 1.0210, -0.8147



25.1630, 32.9506, -22.0680



59.5990, 78.5847, -52.2683

Previews

White Background



This preview shows how the YUV color 49.9270, -9.3310, 6.2030 looks on a white background.

Color Contrast Check

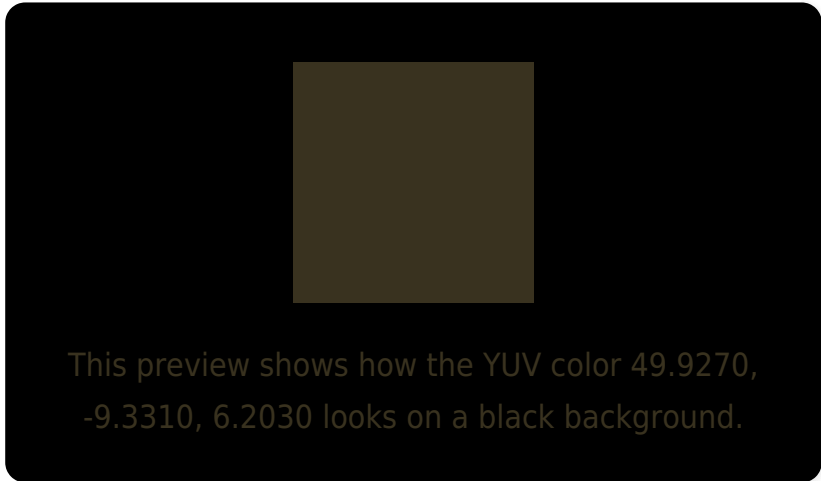
Large Text (above 18pt) WCAG AA ✓ Pass

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

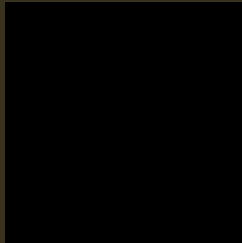
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.9270, -9.3310, 6.2030

Background



This preview shows how black text looks on a background with the YUV color 49.9270, -9.3310, 6.2030.

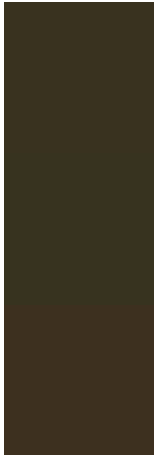


This preview shows how white text looks on a background with the YUV color 49.9270, -9.3310,

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

49.9270, -9.3310, 6.2030

Protanopia

49.9160, -9.3256, 4.4587

Deuteranopia

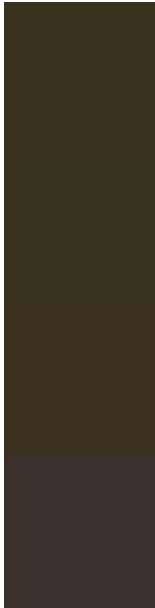
49.9490, -9.3419, 9.6917



Tritanopia

51.6310, -0.3111, 6.4626

Trichromacy



Original Color

49.9270, -9.3310, 6.2030

Protanomaly

50.2150, -9.4730, 5.0734

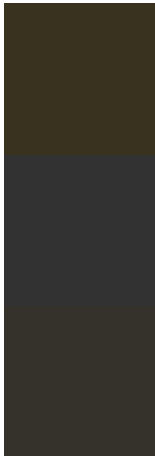
Deuteranomaly

50.2370, -9.4838, 8.5622

Tritanomaly

51.1210, -3.5107, 6.0329

Monochromacy



Original Color

49.9270, -9.3310, 6.2030

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.9270, -9.3310, 6.2030 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(57, 50, 31)` looks like.

```
.text, #text, p{  
    color:rgb(57, 50, 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(57, 50, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 50, 31) }
```

Border

The CSS property to change the border of an element to YUV 49.9270, -9.3310, 6.2030 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(57, 50, 31) }
```


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

```
.border{ border-color:rgb(57, 50, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 50, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 50, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 50, 31);  
box-shadow:4px 4px 4px 4px rgb(57, 50, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.9270, -9.3310, 6.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 50, 31) }
```

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

```
.background{ background-color: rgb(57, 50,  
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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