

Converting Colors

YUV(47.5030, -9.6150, 3.9439)

Have a look what the booklet for
YUV(47.5030, -9.6150, 3.9439)
contains.

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Color

**YUV(47.5030, -9.6150,
3.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	34311C
RGB	52, 49, 28
RGB Percent	20%, 19%, 11%
CMY	0.7961, 0.8078, 0.8902
CMYK	0.00, 0.06, 0.46, 0.80
HSL	53°, 30%, 16%
HSV	53°, 46%, 20%
XYZ	2.7241, 3.0105, 1.5361
YIQ	47.5030, 8.5290, -5.8950

Conversions

Conversions Part 2

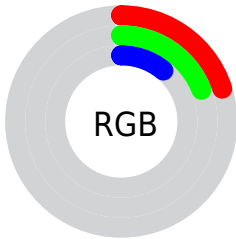
Format	Color
RYB	31, 52, 28
Decimal	3420444
CIELab	20.09, -2.53, 13.89
CIELCh	20, 14.119, 100.320
Yxy	3.0105, 0.3747, 0.4141
Android (android.graphics.Color)	4281610524 (0xFF34311C)
YUV	47.5030, -9.6150, 3.9439
Hunter-Lab	17.3509, -2.3395, 6.8965

Details

The YUV color **47.5030, -9.6150, 3.9439** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32.4970, 9.6150, -3.9439**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.5740, -10.6360, 4.7586**, and **0.5870, -0.2894, -0.5148** is the 20% darker color. If you saturate the color by 10%, you get **46.3460, -11.5096, 4.9586**, and if you desaturate by 10%, it is **48.6600, -7.7204, 2.9292**.

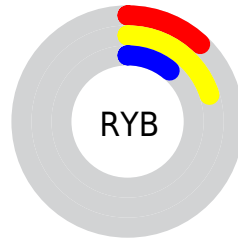
Distribution



Red (20%)

Green (19%)

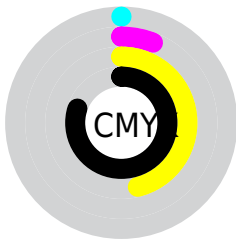
Blue (11%)



Red (12%)

Yellow (20%)

Blue (11%)

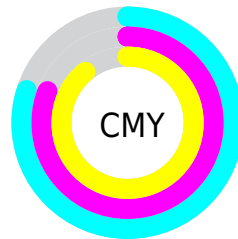


Cyan (0%)

Magenta (6%)

Yellow (46%)

Black (80%)



Cyan (80%)

Magenta (81%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5030, -9.6150, 3.9439 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 47.5030, -9.6150, 3.9439 by changing the saturation by 10% instead.

■ 47.5030, -9.6150,
3.9439

■ 47.5030, -9.6150,
3.9439

■ 255.0000, 0.0000,
0.0000

■ 26.0470, -11.3622,
4.3438

■ 93.5740, -10.6360,
4.7586

■ 0.5870, -0.2894,
-0.5148

■ 118.4600,
-11.0728, 4.8586

■ 0.0000, 0.0000,
0.0000


■ 143.6450,
-11.6570, 5.5733


■ 170.5310,
-12.0938, 5.6733


■ 197.8300,
-12.2412, 6.2881


■ 225.7160,


-12.6780, 6.3881


 251.9220,
-11.7935, 2.6994


 47.5030, -9.6150,
3.9439


 47.5030, -9.6150,
3.9439


 46.3460, -11.5096,
4.9586


 48.6600, -7.7204,
2.9292


 45.7760, -13.6936,
5.4584


 49.2300, -5.5364,
2.4293


 44.5050, -16.0250,
6.5731

 50.5010, -3.2050,
1.3146

 43.3480, -17.9196,
7.5878

 51.6580, -1.3104,
0.2999

 42.7780, -20.1036,
8.0877

 52.2280, 0.8736,
-0.2000

■ 42.5500, -20.9771,
8.2877

■ 53.3850, 2.7682,
-1.2146

■ 54.5420, 4.6628,
-2.2293

■ 55.2260, 7.2836,
-2.8292

■ 56.3830, 9.1782,
-3.8439

Harmonies

Analogous

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



48.5470, -9.6367, 10.9213



47.5030, -9.6150, 3.9439



46.4310, -7.1145, -4.7630

Triad

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



47.5030, -9.6150, 3.9439



41.6530, 9.5381, -26.0057



50.1740, 2.8722, 12.1254

Complementary

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



47.5030, -9.6150, 3.9439



32.4970, 9.6150, -3.9439

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.



49.8570, 6.9725, 3.6334



47.5030, -9.6150, 3.9439



44.8650, 11.4056, -18.2986

Square

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



47.5030, -9.6150, 3.9439



42.4100, 4.7279, -23.1616



48.0020, 10.3520, -7.0178



49.8280, -2.3802, 16.8138

Rectangle

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



47.5030, -9.6150, 3.9439



45.0110, -3.4564, -11.4106



48.0020, 10.3520, -7.0178



49.9180, 4.4774, 10.5959

Sweetspot

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



47.5030, -9.6150, 3.9439



67.2730, -4.0786, 1.5146



35.5180, -2.2274, 14.4547



34.7290, -2.3314, 1.1147



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



47.5030, -9.6150, 3.9439



61.7330, -15.1514, 6.3732



46.5730, -9.1565, -3.1335



25.0710, -1.0210, 0.8147



72.3970, -35.6917, 14.5608



176.4130, -86.9716, 35.5948

Inverse Universe

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



32.4970, 9.6150, -3.9439



38.2670, 15.1514, -6.3732



33.4270, 9.1565, 3.1335



23.3420, 1.3104, -0.2999



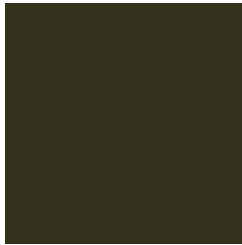
16.6030, 35.6917, -14.5608



40.5870, 86.9716, -35.5948

Previews

White Background



This preview shows how the YUV color 47.5030, -9.6150, 3.9439 looks on a white background.

Color Contrast Check

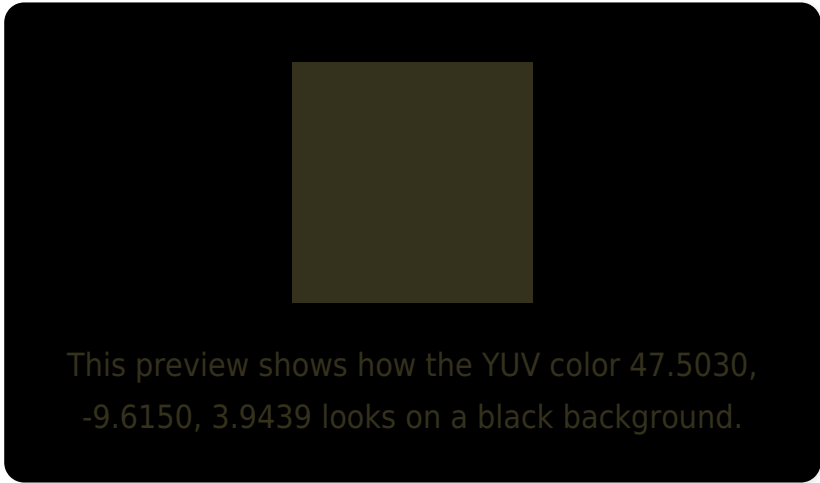
Large Text (above 18pt) WCAG AA ✓ Pass

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

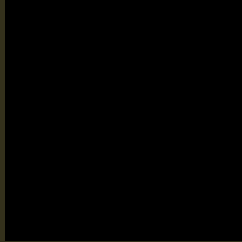
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5030, -9.6150, 3.9439

Background



This preview shows how black text looks on a background with the YUV color 47.5030, -9.6150, 3.9439.

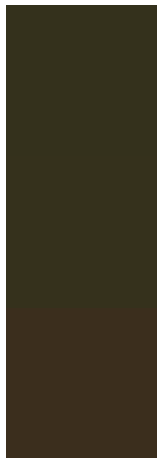


This preview shows how white text looks on a background with the YUV color 47.5030, -9.6150,

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

47.5030, -9.6150, 3.9439

Protanopia

47.8020, -9.7624, 4.5586

Deuteranopia

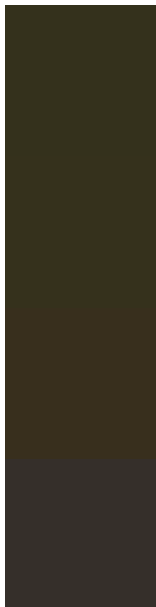
47.9490, -9.3419, 9.6917



Tritanopia

48.8480, 0.5679, 4.5183

Trichromacy



Original Color

47.5030, -9.6150, 3.9439

Protanomaly

47.8020, -9.7624, 4.5586

Deuteranomaly

47.6390, -9.1890, 7.3326

Tritanomaly

48.2240, -3.0684, 4.1886

Monochromacy



Original Color

47.5030, -9.6150, 3.9439

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.5010, -3.2050, 1.3146

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5030, -9.6150, 3.9439 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(52, 49, 28)` looks like.

```
.text, #text, p{  
    color:rgb(52, 49, 28)  
}
```

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(52, 49, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 49, 28) }
```

Border

The CSS property to change the border of an element to YUV 47.5030, -9.6150, 3.9439 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(52, 49, 28) }
```


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

```
.border{ border-color:rgb(52, 49, 28) }
```

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

Here you see how a box with a 4 pixel rgb(52, 49, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 49, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 49, 28);  
box-shadow:4px 4px 4px 4px rgb(52, 49, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.5030, -9.6150, 3.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 49, 28) }
```

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

```
.background{ background-color: rgb(52, 49,  
28) }
```

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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