

# Converting Colors

YUV(32.3220, -11.4977,  
47.9526)

Have a look what the booklet for  
YUV(32.3220, -11.4977, 47.9526)  
contains.

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# Color

**YUV(32.3220, -11.4977,  
47.9526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	570909
RGB	87, 9, 9
RGB Percent	34%, 4%, 4%
CMY	0.6588, 0.9647, 0.9647
CMYK	0.00, 0.90, 0.90, 0.66
HSL	0°, 81%, 19%
HSV	0°, 90%, 34%
XYZ	4.0775, 2.2413, 0.4762
YIQ	32.3220, 46.4880, 16.5360

# Conversions

## Conversions Part 2

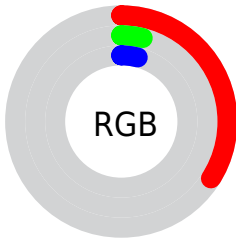
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">87, 9, 9</a>
Decimal	<a href="#">5703945</a>
CIELab	<a href="#">16.71, 34.06, 21.99</a>
CIELCh	<a href="#">17, 40.543, 32.851</a>
Yxy	<a href="#">2.2413, 0.6001, 0.3299</a>
Android (android.graphics.Color)	<a href="#">4283894025 (0xFF570909)</a>
YUV	<a href="#">32.3220, -11.4977, 47.9526</a>
Hunter-Lab	<a href="#">14.9711, 22.4163, 8.5940</a>

# Details

The YUV color **32.3220, -11.4977, 47.9526** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **63.6780, 11.4977, -47.9526**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.6060, -15.5818, 51.2115**, and **10.2800, -4.5750, 20.8024** is the 20% darker color. If you saturate the color by 10%, you get **26.0130, -12.8244, 53.4856**, and if you desaturate by 10%, it is **38.6310, -10.1711, 42.4196**.

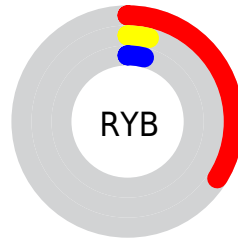
# Distribution



Red (34%)

Green (4%)

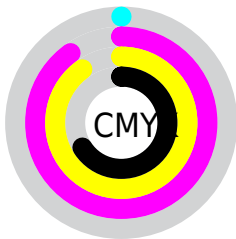
Blue (4%)



Red (34%)

Yellow (4%)

Blue (4%)

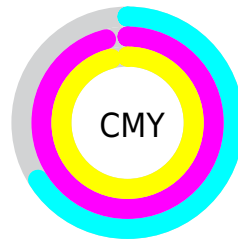


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (66%)



Cyan (66%)

Magenta (96%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 32.3220, -11.4977, 47.9526 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 32.3220, -11.4977, 47.9526 by changing the saturation by 10% instead.



■ 32.3220, -11.4977,  
47.9526

■ 32.3220, -11.4977,  
47.9526

■ 248.9700, -7.8732,  
5.2883

■ 17.9400, -8.8444,  
36.8866

■ 84.6060, -15.5818,  
51.2115

■ 10.2800, -4.5750,  
20.8024

■ 110.2750,  
-16.8976, 53.2558

■ 0.0000, 0.0000,  
0.0000


■ 136.3570,  
-17.9240, 55.8149


■ 163.4390,  
-18.9504, 58.3740


■ 189.6130,  
-19.5292, 57.3444


■ 209.1270,


-15.8386, 40.2306


 228.7550,  
-11.7112, 23.0169


 32.3220, -11.4977,  
47.9526


 32.3220, -11.4977,  
47.9526


 26.0130, -12.8244,  
53.4856

 38.6310, -10.1711,  
42.4196

 44.2390, -8.9918,  
37.5014

 50.5480, -7.6652,  
31.9684

 56.8570, -6.3385,  
26.4354

 63.1660, -5.0118,  
20.9024

■ 68.7740, -3.8326,  
15.9842

■ 75.0830, -2.5059,  
10.4512

■ 81.3920, -1.1793,  
4.9182

■ 87.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



31.4700, 4.2053, 51.3308



32.3220, -11.4977, 47.9526



38.5510, -19.0056, 29.3348

# Triad

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



32.3220, -11.4977, 47.9526



31.8920, -9.8068, -27.9693



37.2280, 30.9466, -32.6490

# Complementary

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



32.3220, -11.4977, 47.9526



63.6780, 11.4977, -47.9526

# 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.



40.5390, 25.8633, -35.5527



32.3220, -11.4977, 47.9526



36.0130, 3.4446, -31.5834

# Square

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



32.3220, -11.4977, 47.9526



34.1560, -16.8389, -12.4148



39.3190, 16.1117, -34.4828



41.4170, 24.4444, -0.3657



# Rectangle

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



32.3220, -11.4977, 47.9526



39.6480, -19.5465, 16.0947



39.3190, 16.1117, -34.4828



38.9890, 30.0784, -34.1934

# Sweetspot

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



32.3220, -11.4977, 47.9526



90.9700, -4.4222, 18.4433



41.2140, 22.5725, 40.1543



43.3820, -2.6533, 11.0660



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



32.3220, -11.4977, 47.9526



33.4880, -16.5096, 68.8550



55.2150, -22.7840, 27.8754



40.1960, -0.5896, 2.4591



31.9930, -15.7725, 65.7811



70.2650, -34.6406, 144.4726



# Inverse Universe

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



63.6780, 11.4977, -47.9526



78.5120, 16.5096, -68.8550



40.7850, 22.7840, -27.8754



41.8040, 0.5896, -2.4591



75.0070, 15.7725, -65.7811

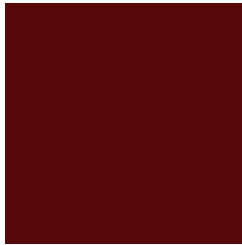


164.7350, 34.6406, -144.4726



# Previews

## White Background



This preview shows how the YUV color 32.3220, -11.4977, 47.9526 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

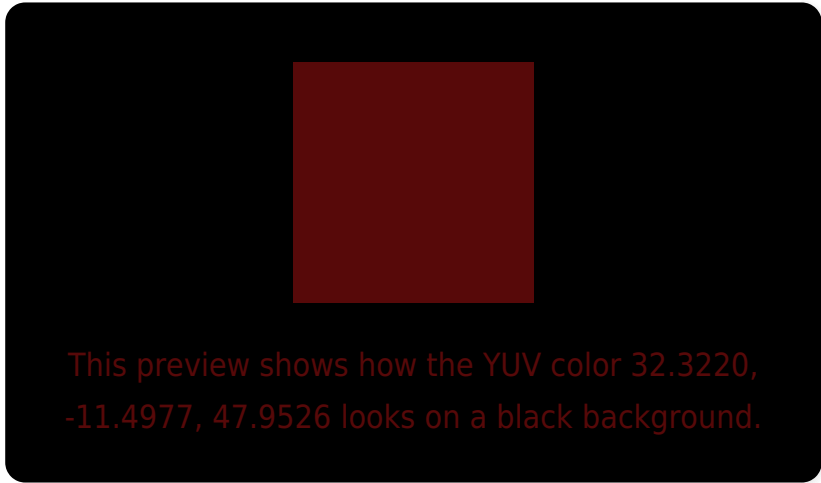
Any Text WCAG AA ✓ Pass

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

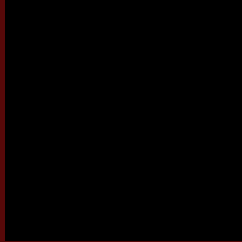
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 32.3220, -11.4977, 47.9526

## Background



This preview shows how black text looks on a background with the YUV color 32.3220, -11.4977, 47.9526.



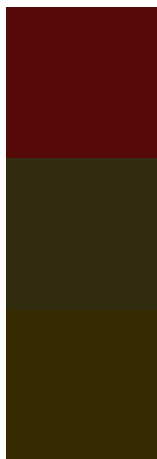
This preview shows how white text looks on a background with the YUV color 32.3220, -11.4977,



# 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

32.3220, -11.4977, 47.9526

### Protanopia

42.6020, -13.1148, 6.4880

### Deuteranopia

41.3980, -20.4092, 12.8060



## Tritanopia

31.9800, -12.8081, 48.2525

# Trichromacy



## Original Color

32.3220, -11.4977, 47.9526

## Protanomaly

38.5160, -12.5794, 21.4725

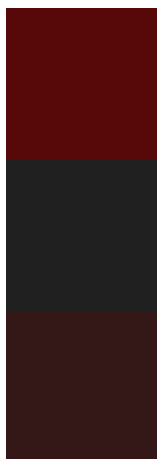
## Deuteranomaly

37.9850, -17.2476, 25.4462

## Tritanomaly

32.0940, -12.3713, 48.1526

# Monochromacy



## Original Color

32.3220, -11.4977, 47.9526

## Achromatopsia

32.0000, 0.0000, 0.0000

## Achromatomaly

32.3720, -4.1274, 17.2138

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 32.3220, -11.4977, 47.9526 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(87, 9, 9)` looks like.

```
.text, #text, p{  
    color:rgb(87, 9, 9)  
}
```

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(87, 9, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 9, 9) }
```

## Border

The CSS property to change the border of an element to YUV 32.3220, -11.4977, 47.9526 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(87, 9, 9) }
```



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

```
.border{ border-color:rgb(87, 9, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 9, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 9, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 9, 9); box-shadow:4px  
4px 4px 4px rgb(87, 9, 9) }
```

# Background

The CSS property to change the background color of an element to YUV 32.3220, -11.4977, 47.9526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 9, 9) }
```

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

```
.background{ background-color: rgb(87, 9,  
9) }
```

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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