

# Converting Colors

YUV(35.0090, -10.3574, 8.7621)

Have a look what the booklet for  
YUV(35.0090, -10.3574, 8.7621)  
contains.

<b>YUV(35.0090, -10.3574, 8.7621)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(35.0090, -10.3574,  
8.7621)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D220E
RGB	45, 34, 14
RGB Percent	18%, 13%, 5%
CMY	0.8235, 0.8667, 0.9451
CMYK	0.00, 0.24, 0.69, 0.82
HSL	39°, 53%, 12%
HSV	39°, 69%, 18%
XYZ	1.7335, 1.7336, 0.6587
YIQ	35.0090, 12.9760, -3.8880

# Conversions

## Conversions Part 2

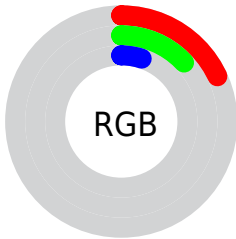
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 45, 14
Decimal	2957838
CIELab	14.02, 2.21, 14.75
CIELCh	14, 14.918, 81.498
Yxy	1.7336, 0.4202, 0.4202
Android (android.graphics.Color)	4281147918 (0xFF2D220E)
YUV	35.0090, -10.3574, 8.7621
Hunter-Lab	13.1668, 0.4586, 6.2505

# Details

The YUV color **35.0090, -10.3574, 8.7621** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23.9910, 10.3574, -8.7621**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.7920, -11.2365, 10.7064**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.3790, -11.5258, 10.1916**, and if you desaturate by 10%, it is **36.7530, -8.7522, 7.2326**.

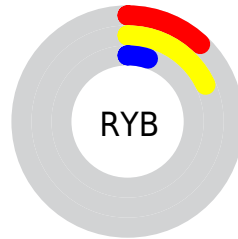
# Distribution



Red (18%)

Green (13%)

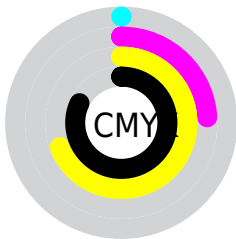
Blue (5%)



Red (12%)

Yellow (18%)

Blue (5%)

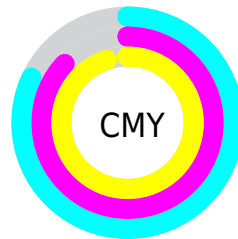


Cyan (0%)

Magenta (24%)

Yellow (69%)

Black (82%)



Cyan (82%)

Magenta (87%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 35.0090, -10.3574, 8.7621 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 35.0090, -10.3574, 8.7621 by changing the saturation by 10% instead.



■ 35.0090, -10.3574,  
8.7621

■ 35.0090, -10.3574,  
8.7621

■ 253.0620, -7.4256,  
1.6996

■ 13.9210, -6.8631,  
7.9623

■ 79.7920, -11.2365,  
10.7064

■ 0.0000, 0.0000,  
0.0000

■ 103.9770,  
-11.8207, 11.4212


■ 129.1620,  
-12.4049, 12.1359


■ 155.0480,  
-12.8417, 12.2359


■ 182.2330,  
-13.4259, 12.9507


■ 209.5320,


-13.5733, 13.5654


 237.8310,  
-13.7207, 14.1802


 35.0090, -10.3574,  
8.7621


 35.0090, -10.3574,  
8.7621


 33.3790, -11.5258,  
10.1916


 36.7530, -8.7522,  
7.2326


 32.2220, -13.4204,  
11.2063


 37.7960, -7.2944,  
6.3179

 30.5920, -14.5889,  
12.6358

 39.5400, -5.6892,  
4.7884

 30.4780, -15.0257,  
12.7358

 40.5830, -4.2314,  
3.8737

 42.3270, -2.6262,  
2.3442

■ 43.9570, -1.4578,  
0.9147

■ 45.1140, 0.4368,  
-0.1000

■ 46.7440, 1.6052,  
-1.5295

■ 47.9010, 3.4998,  
-2.5442

# Harmonies

## Analogous

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



35.4380, -7.6109, 14.5249



35.0090, -10.3574, 8.7621



33.8940, -9.3147, 0.9700

# Triad

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



35.0090, -10.3574, 8.7621



28.9690, 6.9173, -25.4058



36.9500, 5.9407, 7.9369

# Complementary

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



35.0090, -10.3574, 8.7621



23.9910, 10.3574, -8.7621

# 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.



35.7960, 9.4676, -3.3291



35.0090, -10.3574, 8.7621



29.4080, 11.1379, -25.7908

# Square

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



35.0090, -10.3574, 8.7621



29.8080, 1.0807, -20.0026



32.5770, 11.5475, -17.1690



37.0280, 0.9722, 14.8844



# Rectangle

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



35.0090, -10.3574, 8.7621



33.2460, -6.5303, -5.4777



32.5770, 11.5475, -17.1690



36.5690, 7.1145, 4.7630

# Sweetspot

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



35.0090, -10.3574, 8.7621



54.5830, -4.2314, 3.8737



24.5230, 0.2352, 17.9583



28.3270, -2.6262, 2.3442



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000



# Same Dimension

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



35.0090, -10.3574, 8.7621



42.8480, -16.1941, 14.1653



40.2700, -12.9511, 0.6402



22.1850, -0.5842, 0.7148



58.8850, -29.0303, 24.6569



144.9920, -71.4811, 60.5200



# Inverse Universe

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



23.9910, 10.3574, -8.7621



25.5650, 16.4835, -13.6505



18.7300, 12.9511, -0.6402



21.2280, 0.8736, -0.2000



28.1150, 29.0303, -24.6569

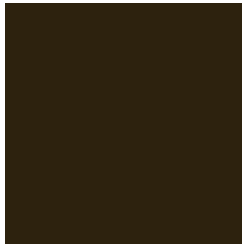


69.0080, 71.4811, -60.5200



# Previews

## White Background



This preview shows how the YUV color 35.0090, -10.3574, 8.7621 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

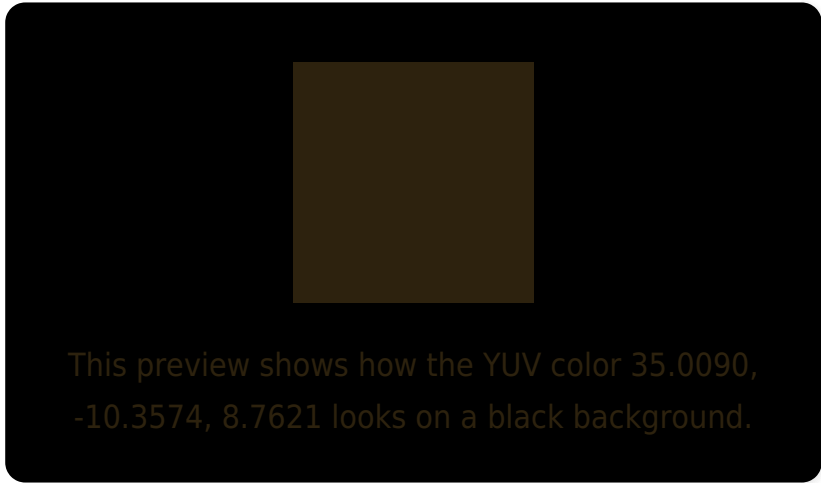
Any Text WCAG AA ✓ Pass

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

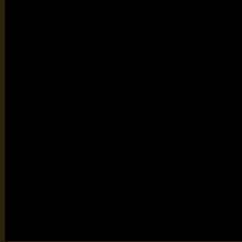
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 35.0090, -10.3574, 8.7621

## Background



This preview shows how black text looks on a background with the YUV color 35.0090, -10.3574, 8.7621.



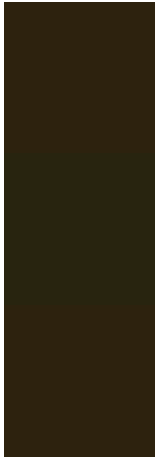
This preview shows how white text looks on a background with the YUV color 35.0090, -10.3574,



# 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

35.0090, -10.3574, 8.7621

### Protanopia

34.8020, -9.7624, 4.5586

### Deuteranopia

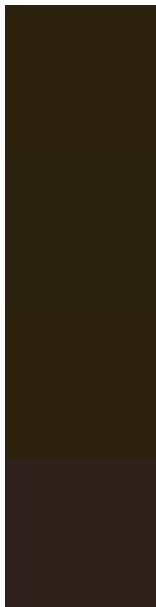
35.0090, -10.3574, 8.7621



## Tritanopia

36.4140, -1.1901, 8.4069

# Trichromacy



## Original Color

35.0090, -10.3574, 8.7621

## Protanomaly

34.8130, -9.7678, 6.3030

## Deuteranomaly

35.0090, -10.3574, 8.7621

## Tritanomaly

36.2030, -4.5371, 8.5920

# Monochromacy



## Original Color

35.0090, -10.3574, 8.7621

## Achromatopsia

35.0000, 0.0000, 0.0000

## Achromatomaly

35.2840, -4.0840, 3.2589

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 35.0090, -10.3574, 8.7621 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(45, 34, 14)` looks like.

```
.text, #text, p{  
    color:rgb(45, 34, 14)  
}
```

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(45, 34, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 34, 14) }
```

## Border

The CSS property to change the border of an element to YUV 35.0090, -10.3574, 8.7621 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(45, 34, 14) }
```



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

```
.border{ border-color:rgb(45, 34, 14) }
```

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

Here you see how a box with a 4 pixel rgb(45, 34, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 34, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 34, 14);  
box-shadow:4px 4px 4px 4px rgb(45, 34, 14)  
}
```

# Background

The CSS property to change the background color of an element to YUV 35.0090, -10.3574, 8.7621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 34, 14) }
```

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

```
.background{ background-color: rgb(45, 34,  
14) }
```

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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