

# Converting Colors

YUV(35.4890, 8.6329, 31.1431)

Have a look what the booklet for  
YUV(35.4890, 8.6329, 31.1431)  
contains.

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# Color

**YUV(35.4890, 8.6329,  
31.1431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	470E35
RGB	71, 14, 53
RGB Percent	28%, 5%, 21%
CMY	0.7216, 0.9451, 0.7922
CMYK	0.00, 0.80, 0.25, 0.72
HSL	319°, 67%, 17%
HSV	319°, 80%, 28%
XYZ	3.3982, 1.9107, 3.5579
YIQ	35.4890, 21.4530, 24.2130

# Conversions

## Conversions Part 2

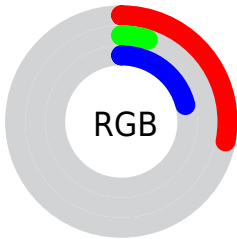
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	71, 14, 53
Decimal	4656693
CIE <sub>Lab</sub>	15.01, 31.05, -10.47
CIE <sub>LCh</sub>	15, 32.765, 341.361
Yxy	1.9107, 0.3832, 0.2155
Android (android.graphics.Color)	4282846773 (0xFF470E35)
YUV	35.4890, 8.6329, 31.1431
Hunter-Lab	13.8228, 19.6920, -5.5847




# Details

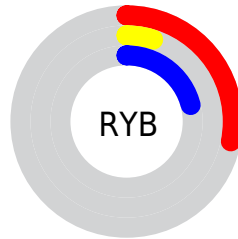
The YUV color **35.4890, 8.6329, 31.1431** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **49.5110, -8.6329, -31.1431**, and the grayscale version is **35.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **84.2720, 7.7539, 33.0875**, and **6.5500, -0.7641, 11.7957** is the 20% darker color. If you saturate the color by 10%, you get **31.1520, 9.7851, 34.9467**, and if you desaturate by 10%, it is **39.8260, 7.4808, 27.3396**.

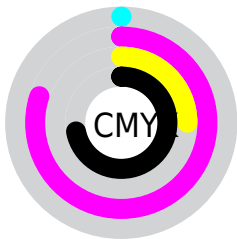
# Distribution







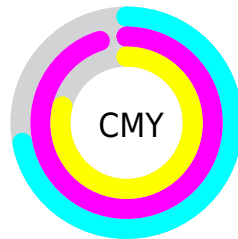
-  Red (28%)
-  Green (5%)
-  Blue (21%)






-  Red (28%)
-  Yellow (5%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (25%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (95%)
-  Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 35.4890, 8.6329, 31.1431 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 35.4890, 8.6329, 31.1431 by changing the saturation by 10% instead.



35.4890, 8.6329,  
31.1431

35.4890, 8.6329,  
31.1431

251.4780, 1.7363,  
3.0888

17.7010, 7.0494,  
25.6952

84.2720, 7.7539,  
33.0875

6.5500, -0.7641,  
11.7957

109.5710, 7.6065,  
33.7022

0.0000, 0.0000,  
0.0000


135.4680, 7.1643,  
35.5466


162.1800, 7.3063,  
36.6761


189.0060, 7.8850,  
37.7057


215.5110, 8.6221,

34.6319


 234.4550, 10.1287,  
18.0180


 35.4890, 8.6329,  
31.1431

 35.4890, 8.6329,  
31.1431


 31.1520, 9.7851,  
34.9467

 39.8260, 7.4808,  
27.3396

 26.8150, 10.9372,  
38.7502

 44.1630, 6.3286,  
23.5360

 48.6140, 5.6133,  
19.6325

 52.9510, 4.4612,  
15.8290

 57.8750, 3.0196,  
11.5106

■ 62.2120, 1.8675,  
7.7071

■ 66.6630, 1.1521,  
3.8035

■ 71.0000, 0.0000,  
0.0000

■ 75.3370, -1.1521,  
-3.8035

# Harmonies

## Analogous

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



38.8220, 16.8498, 8.9261



35.4890, 8.6329, 31.1431



32.0250, -0.9983, 40.3201

# Triad

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



35.4890, 8.6329, 31.1431



34.8530, -17.1825, 4.5139



35.3410, 16.1009, -30.9941

# Complementary

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



35.4890, 8.6329, 31.1431



49.5110, -8.6329, -31.1431

# 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.



33.4200, 6.2019, -29.3093



35.4890, 8.6329, 31.1431



30.3130, -14.9443, -13.4295

# Square

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



35.4890, 8.6329, 31.1431



35.8380, -17.6681, 20.3131



30.0970, -3.9918, -26.3951



35.1760, 23.0842, -30.8494



# Rectangle

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



35.4890, 8.6329, 31.1431



33.7120, -9.7180, 37.0866



30.0970, -3.9918, -26.3951



35.1300, 12.7539, -30.8090

# Sweetspot

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



35.4890, 8.6329, 31.1431



78.2880, 3.3090, 12.0254



25.5810, 22.3916, 4.7525



37.9130, 2.0149, 7.0923



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000



# Same Dimension

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



35.4890, 8.6329, 31.1431



37.1520, 13.2361, 48.1017



32.2970, -3.5974, 33.9425



33.5380, 0.7208, 2.1592



37.3530, 15.1090, 54.0644



85.5430, 34.2423, 124.0578



# Inverse Universe

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



35.4890, 8.6329, 31.1431



37.1520, 13.2361, 48.1017



52.7030, 3.5974, -33.9425



33.5380, 0.7208, 2.1592



37.3530, 15.1090, 54.0644

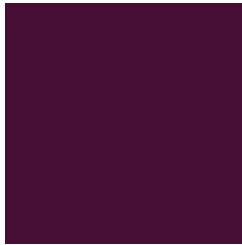


85.5430, 34.2423, 124.0578



# Previews

## White Background



This preview shows how the YUV color 35.4890, 8.6329, 31.1431 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

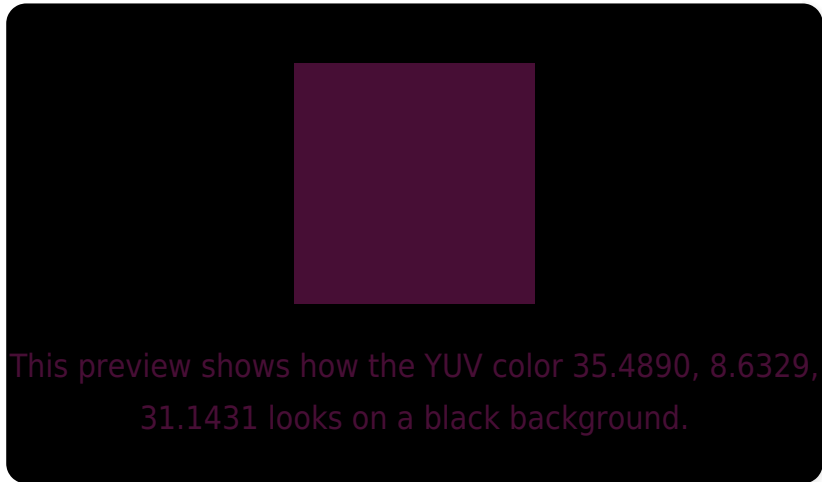
Any Text WCAG AA ✓ Pass

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

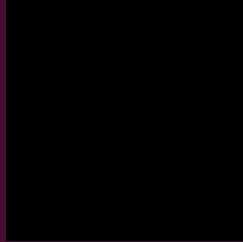
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 35.4890, 8.6329, 31.1431

## Background



This preview shows how black text looks on a background with the YUV color 35.4890, 8.6329, 31.1431.



This preview shows how white text looks on a background with the YUV color 35.4890, 8.6329,



# 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

35.4890, 8.6329, 31.1431

### Protanopia

38.2770, 16.6254, -12.5209

### Deuteranopia

39.9550, 4.9522, -1.7145



## Tritanopia

37.5690, -6.1965, 27.5650

# Trichromacy



## Original Color

35.4890, 8.6329, 31.1431

## Protanomaly

37.2790, 13.6665, 3.2633

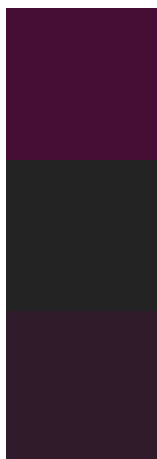
## Deuteranomaly

38.3740, 6.2246, 10.1960

## Tritanomaly

36.6600, -0.8184, 29.2392

# Monochromacy



## Original Color

35.4890, 8.6329, 31.1431

## Achromatopsia

35.0000, 0.0000, 0.0000

## Achromatomaly

34.9890, 3.4564, 11.4106

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 35.4890, 8.6329, 31.1431 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(71, 14, 53)` looks like.

```
.text, #text, p{  
    color:rgb(71, 14, 53)  
}
```

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(71, 14, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 14, 53) }
```

## Border

The CSS property to change the border of an element to YUV 35.4890, 8.6329, 31.1431 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(71, 14, 53) }
```



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

```
.border{ border-color:rgb(71, 14, 53) }
```

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

Here you see how a box with a 4 pixel rgb(71, 14, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 14, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 14, 53);  
box-shadow:4px 4px 4px 4px rgb(71, 14, 53)  
}
```

# Background

The CSS property to change the background color of an element to YUV 35.4890, 8.6329, 31.1431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 14, 53) }
```

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

```
.background{ background-color: rgb(71, 14,  
53) }
```

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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