

# Converting Colors

YUV(34.3330, 55.5448, 11.1090)

Have a look what the booklet for  
YUV(34.3330, 55.5448, 11.1090)  
contains.

<b>YUV(34.3330, 55.5448, 11.1090)</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(34.3330, 55.5448,  
11.1090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F0693
RGB	47, 6, 147
RGB Percent	18%, 2%, 58%
CMY	0.8157, 0.9765, 0.4235
CMYK	0.68, 0.96, 0.00, 0.42
HSL	257°, 92%, 30%
HSV	257°, 96%, 58%
XYZ	6.5039, 2.8412, 27.8094
YIQ	34.3330, -20.8250, 52.5430

# Conversions

## Conversions Part 2

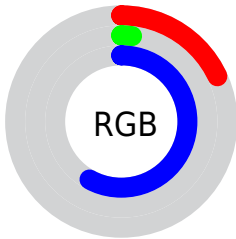
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 6, 147
Decimal	3081875
CIELab	19.40, 51.94, -65.87
CIELCh	19, 83.881, 308.258
Yxy	2.8412, 0.1750, 0.0765
Android (android.graphics.Color)	4281271955 (0xFF2F0693)
YUV	34.3330, 55.5448, 11.1090
Hunter-Lab	16.8558, 39.3774, -86.0201

# Details

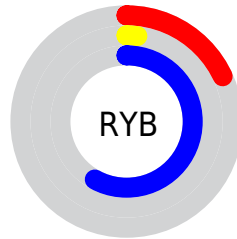
The YUV color **34.3330, 55.5448, 11.1090** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **118.6670, -55.5448, -11.1090**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.4260, 54.5130, 15.4124**, and **10.8300, 41.4958, -9.4979** is the 20% darker color. If you saturate the color by 10%, you get **29.6150, 57.8708, 11.7386**, and if you desaturate by 10%, it is **46.1280, 49.7299, 9.5347**.

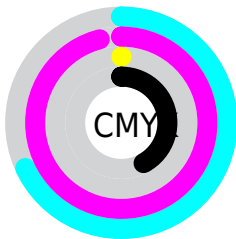
# Distribution



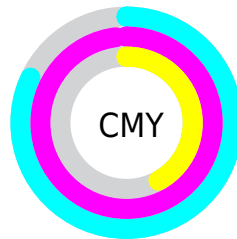
- Red (18%)
- Green (2%)
- Blue (58%)



- Red (18%)
- Yellow (2%)
- Blue (58%)



- Cyan (68%)
- Magenta (96%)
- Yellow (0%)
- Black (42%)



- Cyan (82%)
- Magenta (98%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 34.3330, 55.5448, 11.1090 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 34.3330, 55.5448, 11.1090 by changing the saturation by 10% instead.



■ 34.3330, 55.5448,  
11.1090

■ 34.3330, 55.5448,  
11.1090

■ 252.6520, 1.1576,  
2.0592

■ 13.6800, 52.4158,  
-11.9974

■ 91.4260, 54.5130,  
15.4124

■ 10.8300, 41.4958,  
-9.4979

■ 118.6650, 55.3812,  
16.9568

■ 9.7410, 29.7077,  
-8.5429

■ 144.7470, 54.3547,  
19.5159

■ 7.7060, 19.3719,  
-6.7582

■ 169.5660, 42.1190,  
24.0596

■ 3.4370, 10.6306,  
-3.0142


■ 194.0860, 30.0306,  
27.9886


■ 0.0000, 0.0000,  
0.0000


■ 219.1930, 17.6529,


31.4027


 235.6290, 9.5499,  
16.9884


 34.3330, 55.5448,  
11.1090


 34.3330, 55.5448,  
11.1090


 29.6150, 57.8708,  
11.7386

 46.1280, 49.7299,  
9.5347

 57.6350, 44.0569,  
9.0901

 69.4300, 38.2420,  
7.5159

 81.5240, 32.2797,  
6.5565

 93.3190, 26.4647,  
4.9822

■ 104.8260, 20.7918,  
4.5376

■ 116.6210, 14.9768,  
2.9634

■ 128.4160, 9.1619,  
1.3892

■ 139.9230, 3.4890,  
0.9445

# Harmonies

## Analogous

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



51.6480, 60.8125, -45.2953



34.3330, 55.5448, 11.1090



48.0910, 22.6331, 67.4492

# Triad

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



34.3330, 55.5448, 11.1090



40.1340, -19.7861, 46.3635



46.5110, 8.1291, -40.7901

# Complementary

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



34.3330, 55.5448, 11.1090



118.6670, -55.5448, -11.1090

# 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.



37.5680, -18.5210, -32.9471



34.3330, 55.5448, 11.1090



43.0930, -21.2448, 0.7954

# Square

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



34.3330, 55.5448, 11.1090



37.9730, -18.7207, 78.0767



35.2200, -17.3635, -30.8879



54.0520, 34.4844, -47.4036



# Rectangle

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



34.3330, 55.5448, 11.1090



48.3150, 2.8027, 81.2847



35.2200, -17.3635, -30.8879



43.5300, -0.7543, -38.1758

# Sweetspot

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



34.3330, 55.5448, 11.1090



147.0540, 21.6654, 4.3376



81.3610, 32.3600, -66.0916



69.8660, 13.3771, 2.7485



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



34.3330, 55.5448, 11.1090



38.5180, 75.1736, 15.3317



54.9640, 45.3737, 53.5286



68.3960, 2.7628, 0.5297



27.6920, 54.3818, 10.7941



2.0370, 3.9258, 0.8446



# Inverse Universe

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



59.5590, 22.8954, 76.6858



72.6130, 31.2498, 103.8254



98.0360, -45.3737, -53.5286



69.6630, 1.1521, 3.8035



52.4340, 22.4640, 75.0414

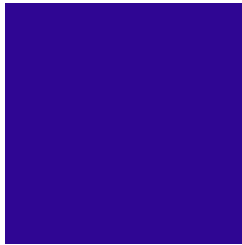


3.7880, 1.5835, 5.4479



# Previews

## White Background



This preview shows how the YUV color 34.3330, 55.5448, 11.1090 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

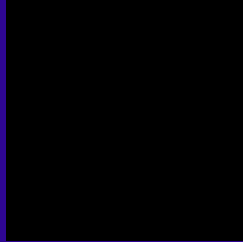
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 34.3330, 55.5448, 11.1090

## Background



This preview shows how black text looks on a background with the YUV color 34.3330, 55.5448, 11.1090.



This preview shows how white text looks on a background with the YUV color 34.3330, 55.5448,



# 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

34.3330, 55.5448, 11.1090

### Protanopia

39.5760, 29.7890, -34.7082

### Deuteranopia

39.6270, 22.3689, -34.7529



## Tritanopia

38.8970, 9.4178, -34.1127

# Trichromacy



## Original Color

34.3330, 55.5448, 11.1090

## Protanomaly

37.7920, 39.0495, -18.2346

## Deuteranomaly

37.9400, 34.5396, -18.3644

## Tritanomaly

37.0620, 26.0984, -17.5944

# Monochromacy



## Original Color

34.3330, 55.5448, 11.1090

## Achromatopsia

34.0000, 0.0000, 0.0000

## Achromatomaly

34.2990, 20.0656, 4.1228

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 34.3330, 55.5448, 11.1090 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(47, 6, 147)` looks like.

```
.text, #text, p{  
    color:rgb(47, 6, 147)  
}
```

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(47, 6, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 6, 147) }
```

## Border

The CSS property to change the border of an element to YUV 34.3330, 55.5448, 11.1090 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(47, 6, 147) }
```



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

```
.border{ border-color:rgb(47, 6, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 6, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 6, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 6, 147);  
box-shadow:4px 4px 4px 4px rgb(47, 6, 147)  
}
```

# Background

The CSS property to change the background color of an element to YUV 34.3330, 55.5448, 11.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 6, 147) }
```

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

```
.background{ background-color: rgb(47, 6,  
147) }
```

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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