

# Converting Colors

YUV(35.5440, 5.1548, 26.7099)

Have a look what the booklet for  
YUV(35.5440, 5.1548, 26.7099)  
contains.

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# Color

**YUV(35.5440, 5.1548,  
26.7099)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	42122E
RGB	66, 18, 46
RGB Percent	26%, 7%, 18%
CMY	0.7412, 0.9294, 0.8196
CMYK	0.00, 0.73, 0.30, 0.74
HSL	325°, 57%, 16%
HSV	325°, 73%, 26%
XYZ	2.9562, 1.7881, 2.7741
YIQ	35.5440, 19.6200, 18.8840

# Conversions

## Conversions Part 2

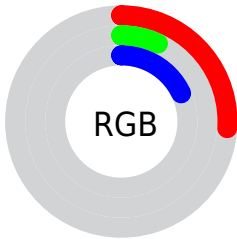
Format	Color
<a href="#">RYB</a>	<a href="#">66, 18, 46</a>
Decimal	<a href="#">4330030</a>
CIELab	<a href="#">14.33, 26.49, -6.55</a>
CIElCh	<a href="#">14, 27.292, 346.111</a>
Yxy	<a href="#">1.7881, 0.3932, 0.2378</a>
Android (android.graphics.Color)	<a href="#">4282520110 (0xFF42122E)</a>
YUV	<a href="#">35.5440, 5.1548, 26.7099</a>
Hunter-Lab	<a href="#">13.3721, 16.0606, -2.9396</a>

# Details

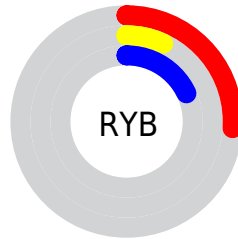
The YUV color **35.5440, 5.1548, 26.7099** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **48.4560, -5.1548, -26.7099**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.7400, 4.5652, 29.1690**, and **1.4950, -0.7370, 3.0739** is the 20% darker color. If you saturate the color by 10%, you get **31.0930, 5.8702, 30.6134**, and if you desaturate by 10%, it is **39.9950, 4.4395, 22.8064**.

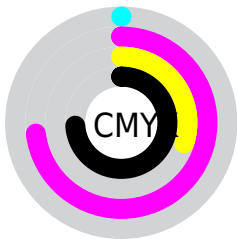
# Distribution



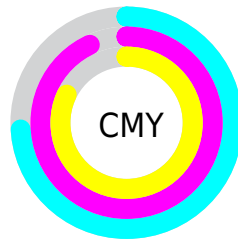
- Red (26%)
- Green (7%)
- Blue (18%)



- Red (26%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (73%)
- Yellow (30%)
- Black (74%)



- Cyan (74%)
- Magenta (93%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 35.5440, 5.1548, 26.7099 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 35.5440, 5.1548, 26.7099 by changing the saturation by 10% instead.



■ 35.5440, 5.1548,  
26.7099

■ 35.5440, 5.1548,  
26.7099

■ 252.0650, 1.4470,  
2.5740

■ 15.7070, 4.5814,  
23.9360

■ 82.7400, 4.5652,  
29.1690

■ 1.4950, -0.7370,  
3.0739

■ 107.3380, 4.2704,  
30.3986

■ 0.0000, 0.0000,  
0.0000


■ 133.0500, 4.4124,  
31.5282

■ 159.6480, 4.1175,  
32.7577

■ 187.0610, 4.4069,  
33.2725

■ 214.6590, 4.1121,

34.5021

 234.7000, 8.5289,  
17.8031

 35.5440, 5.1548,  
26.7099


 35.5440, 5.1548,  
26.7099


 31.0930, 5.8702,  
30.6134

 39.9950, 4.4395,  
22.8064


 27.2290, 6.2961,  
34.0022

 43.7450, 3.5767,  
19.5176

 24.0660, 6.8695,  
36.7761

 48.1960, 2.8614,  
15.6141

 52.0600, 2.4354,  
12.2254

 56.5110, 1.7201,  
8.3219

■ 60.9620, 1.0047,  
4.4183

■ 64.7120, 0.1420,  
1.1296

■ 69.1630, -0.5734,  
-2.7740

■ 73.0270, -0.9993,  
-6.1627

# Harmonies

## Analogous

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



37.3940, 12.6238, 11.0555



35.5440, 5.1548, 26.7099



33.9870, -3.4446, 31.5834

# Triad

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



35.5440, 5.1548, 26.7099



33.3690, -16.4509, 3.1844



33.1240, 15.2219, -29.0497

# Complementary

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



35.5440, 5.1548, 26.7099



48.4560, -5.1548, -26.7099

# 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.



31.6590, 7.0701, -27.7649



35.5440, 5.1548, 26.7099



29.2960, -12.4709, -13.4146

# Square

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



35.5440, 5.1548, 26.7099



34.9300, -17.2205, 16.7244



29.3790, -1.6658, -25.7654



32.3890, 20.0212, -28.4052



# Rectangle

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



35.5440, 5.1548, 26.7099



34.2550, -9.9857, 29.5944



29.3790, -1.6658, -25.7654



33.0270, 12.3117, -28.9647

# Sweetspot

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



35.5440, 5.1548, 26.7099



74.9350, 2.0040, 10.5810



29.4520, 18.0182, 7.4966



36.0870, 1.4361, 6.0627



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000



# Same Dimension

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



35.5440, 5.1548, 26.7099



38.7400, 8.0162, 42.3240



32.8080, -5.3283, 29.1094



31.1250, 0.4314, 1.6444



35.5010, 10.5990, 53.9346



81.9100, 24.2014, 124.6129



# Inverse Universe

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



35.5440, 5.1548, 26.7099



38.7400, 8.0162, 42.3240



51.1920, 5.3283, -29.1094



31.1250, 0.4314, 1.6444



35.5010, 10.5990, 53.9346



81.9100, 24.2014, 124.6129



# Previews

## White Background



This preview shows how the YUV color 35.5440, 5.1548, 26.7099 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

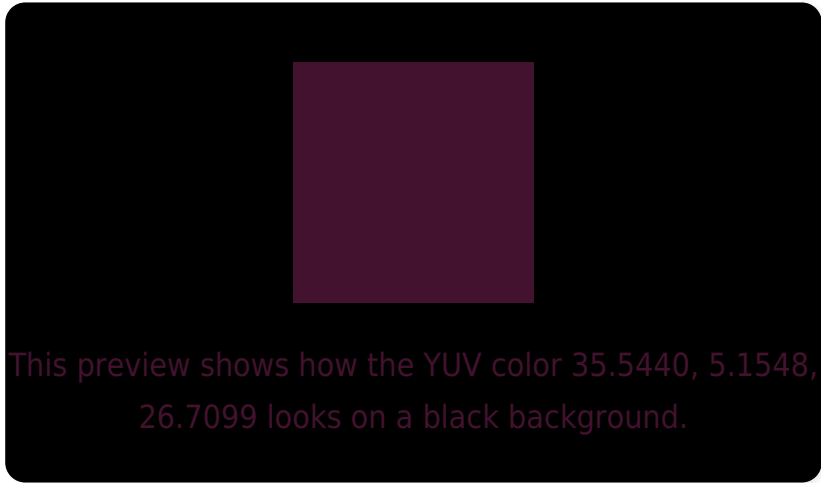
Any Text WCAG AA ✓ Pass

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

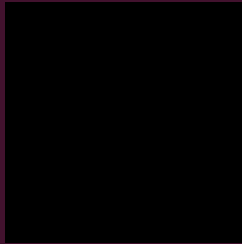
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 35.5440, 5.1548, 26.7099

## Background



This preview shows how black text looks on a background with the YUV color 35.5440, 5.1548, 26.7099.



This preview shows how white text looks on a background with the YUV color 35.5440, 5.1548,



# 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

35.5440, 5.1548, 26.7099

### Protanopia

37.2300, 11.2256, -7.2177

### Deuteranopia

38.2820, 2.3260, 0.6297



## Tritanopia

36.0740, -5.4595, 24.4911

# Trichromacy



## Original Color

35.5440, 5.1548, 26.7099

## Protanomaly

36.4380, 9.1511, 4.8779

## Deuteranomaly

37.2770, 3.3144, 10.2811

## Tritanomaly

36.1110, -1.5337, 25.3357

# Monochromacy



## Original Color

35.5440, 5.1548, 26.7099

## Achromatopsia

36.0000, 0.0000, 0.0000

## Achromatomaly

35.6360, 2.1515, 9.9662

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 35.5440, 5.1548, 26.7099 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(66, 18, 46)` looks like.

```
.text, #text, p{  
    color:rgb(66, 18, 46)  
}
```

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(66, 18, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 18, 46) }
```

## Border

The CSS property to change the border of an element to YUV 35.5440, 5.1548, 26.7099 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(66, 18, 46) }
```



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

```
.border{ border-color:rgb(66, 18, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 18, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 18, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 18, 46);  
box-shadow:4px 4px 4px 4px rgb(66, 18, 46)  
}
```

# Background

The CSS property to change the background color of an element to YUV 35.5440, 5.1548, 26.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 18, 46) }
```

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

```
.background{ background-color: rgb(66, 18,  
46) }
```

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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