

# Converting Colors

YUV(35.5640, -5.2081, 37.2164)

Have a look what the booklet for  
YUV(35.5640, -5.2081, 37.2164)  
contains.

<b>YUV(35.5640, -5.2081, 37.2164)</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(35.5640, -5.2081,  
37.2164)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E1019
RGB	78, 16, 25
RGB Percent	31%, 6%, 10%
CMY	0.6941, 0.9373, 0.9020
CMYK	0.00, 0.79, 0.68, 0.69
HSL	351°, 66%, 18%
HSV	351°, 79%, 31%
XYZ	3.5026, 2.0605, 1.1328
YIQ	35.5640, 34.0630, 15.9430

# Conversions

## Conversions Part 2

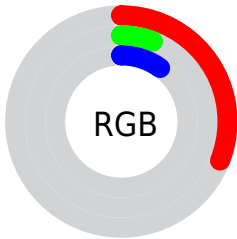
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 16, 25
Decimal	5115929
CIELab	15.80, 29.31, 11.17
CIElCh	16, 31.369, 20.858
Yxy	2.0605, 0.5231, 0.3077
Android (android.graphics.Color)	4283306009 (0xFF4E1019)
YUV	35.5640, -5.2081, 37.2164
Hunter-Lab	14.3543, 18.4362, 5.3690

# Details

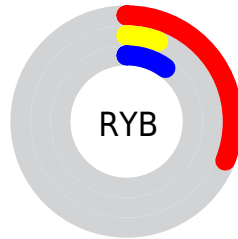
The YUV color **35.5640, -5.2081, 37.2164** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **58.4360, 5.2081, -37.2164**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.4890, -8.1291, 40.7901**, and **7.2900, -3.1010, 14.6547** is the 20% darker color. If you saturate the color by 10%, you get **30.0700, -5.9505, 42.0346**, and if you desaturate by 10%, it is **41.0580, -4.4656, 32.3981**.

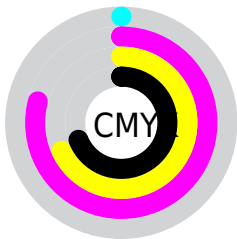
# Distribution



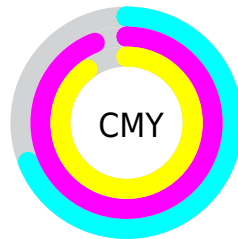
- Red (31%)
- Green (6%)
- Blue (10%)



- Red (31%)
- Yellow (6%)
- Blue (10%)



- Cyan (0%)
- Magenta (79%)
- Yellow (68%)
- Black (69%)




- Cyan (69%)
- Magenta (94%)
- Yellow (90%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 35.5640, -5.2081, 37.2164 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 35.5640, -5.2081, 37.2164 by changing the saturation by 10% instead.





 35.5640, -5.2081,  
37.2164


 35.5640, -5.2081,  
37.2164

 252.1960, -0.5896,  
2.4591


 16.1460, -7.9600,  
33.1980


 84.4890, -8.1291,  
40.7901

 7.2900, -3.1010,  
14.6547

 109.5710, -9.1555,  
43.3492

 0.0000, 0.0000,  
0.0000


 135.4680, -9.5977,  
45.1936


 162.2510,  
-10.4767, 47.1379


 189.8490,  
-10.7716, 48.3674


 212.3530, -8.5550,


37.4014


 231.9810, -4.4276,  
20.1877


 35.5640, -5.2081,  
37.2164


 35.5640, -5.2081,  
37.2164


 30.0700, -5.9505,  
42.0346


 41.0580, -4.4656,  
32.3981


 24.6900, -6.2562,  
46.7529

 46.4380, -4.1599,  
27.6799

 24.5760, -6.6930,  
46.8528

 51.3450, -3.1281,  
23.3764

 56.8390, -2.3856,  
18.5582

 62.2190, -2.0800,  
13.8399

■ 67.7130, -1.3375,  
9.0217

■ 73.2070, -0.5951,  
4.2035

■ 78.0000, 0.0000,  
0.0000

■ 83.4940, 0.7425,  
-4.8182

# Harmonies

## Analogous

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



36.5880, 5.1331, 33.6873



35.5640, -5.2081, 37.2164



36.4910, -17.9901, 30.2644

# Triad

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



35.5640, -5.2081, 37.2164



29.1700, -11.4228, -22.9511



35.4040, 23.9578, -31.0493

# Complementary

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



35.5640, -5.2081, 37.2164



58.4360, 5.2081, -37.2164

# 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.



36.6120, 18.4323, -32.1087



35.5640, -5.2081, 37.2164



32.4110, -0.2026, -28.4244

# Square

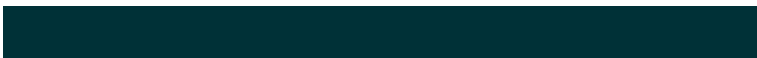
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.5640, -5.2081, 37.2164



36.0050, -17.7505, -0.0044



35.0330, 9.8437, -30.7239



36.9440, 21.7196, -13.1059



# Rectangle

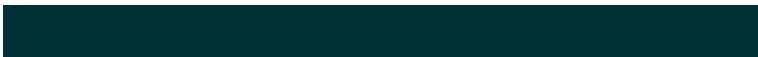
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.5640, -5.2081, 37.2164



37.6100, -18.5417, 20.5130



35.0330, 9.8437, -30.7239



36.3500, 22.5054, -31.8789

# Sweetspot

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



35.5640, -5.2081, 37.2164



85.5180, -2.2274, 14.4547



38.9150, 19.2689, 26.3845



40.7130, -1.3375, 9.0217



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



35.5640, -5.2081, 37.2164



35.5990, -8.1833, 58.2337



47.4520, -15.5058, 26.7906



35.3100, -0.1528, 2.3591



32.2080, -8.4835, 61.2076



72.5320, -19.4893, 138.0994



# Inverse Universe

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



35.5640, -5.2081, 37.2164



35.5990, -8.1833, 58.2337



46.5480, 15.5058, -26.7906



35.3100, -0.1528, 2.3591



32.2080, -8.4835, 61.2076

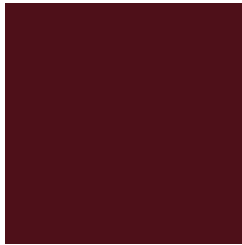


72.5320, -19.4893, 138.0994



# Previews

## White Background



This preview shows how the YUV color 35.5640, -5.2081, 37.2164 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

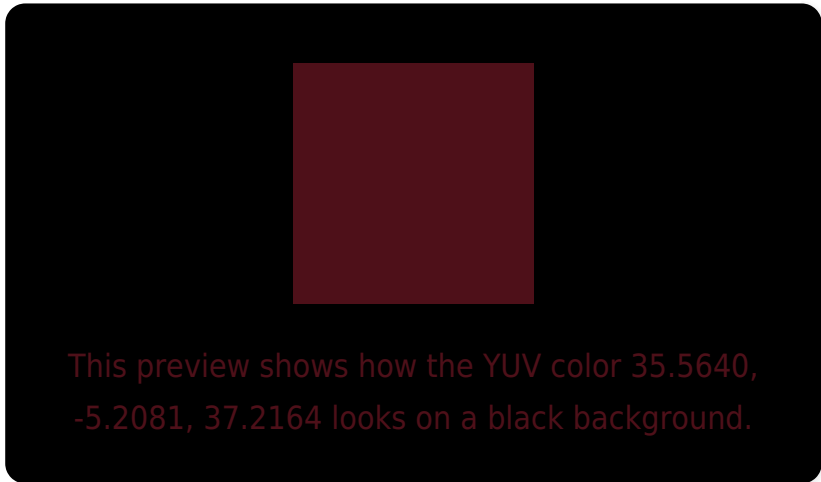
Any Text WCAG AA ✓ Pass

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

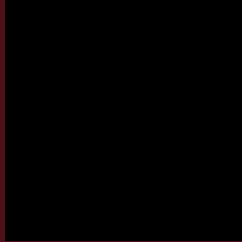
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 35.5640, -5.2081, 37.2164

## Background



This preview shows how black text looks on a background with the YUV color 35.5640, -5.2081, 37.2164.



This preview shows how white text looks on a background with the YUV color 35.5640, -5.2081,



# 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

35.5640, -5.2081, 37.2164

### Protanopia

41.2130, -3.0630, 2.4442

### Deuteranopia

41.2370, -9.4838, 8.5622



## Tritanopia

35.3530, -8.5550, 37.4014

# Trichromacy



## Original Color

35.5640, -5.2081, 37.2164

## Protanomaly

39.0620, -3.9746, 14.8546

## Deuteranomaly

39.0580, -7.9166, 19.2431

## Tritanomaly

35.6950, -7.2446, 37.1015

# Monochromacy



## Original Color

35.5640, -5.2081, 37.2164

## Achromatopsia

36.0000, 0.0000, 0.0000

## Achromatomaly

35.9200, -1.9326, 13.2252

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 35.5640, -5.2081, 37.2164 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(78, 16, 25)` looks like.

```
.text, #text, p{  
    color:rgb(78, 16, 25)  
}
```

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(78, 16, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 16, 25) }
```

## Border

The CSS property to change the border of an element to YUV 35.5640, -5.2081, 37.2164 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(78, 16, 25) }
```



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

```
.border{ border-color:rgb(78, 16, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 16, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 16, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 16, 25);  
box-shadow:4px 4px 4px 4px rgb(78, 16, 25)  
}
```

# Background

The CSS property to change the background color of an element to YUV 35.5640, -5.2081, 37.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 16, 25) }
```

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

```
.background{ background-color: rgb(78, 16,  
25) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor