

# Converting Colors

YUV(95.6340, -28.4136,  
13.4760)

Have a look what the booklet for  
YUV(95.6340, -28.4136, 13.4760)  
contains.

|  |    |
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# Color

**YUV(95.6340, -28.4136,  
13.4760)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 6F6326                     |
| RGB           | 111, 99, 38                |
| RGB Percent   | 44%, 39%, 15%              |
| CMY           | 0.5647, 0.6118, 0.8510     |
| CMYK          | 0.00, 0.11, 0.66, 0.56     |
| HSL           | 50°, 49%, 29%              |
| HSV           | 50°, 66%, 44%              |
| XYZ           | 11.3672, 12.4431, 3.6364   |
| YIQ           | 95.6340, 26.7330, -16.4270 |

# Conversions

## Conversions Part 2

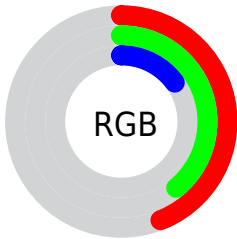
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 52, 111, 38                   |
| Decimal                             | 7299878                       |
| CIE Lab                             | 41.91, -3.28, 35.44           |
| CIE LCh                             | 42, 35.592, 95.281            |
| Yxy                                 | 12.4431, 0.4142,<br>0.4534    |
| Android<br>(android.graphics.Color) | 4285489958<br>(0xFF6F6326)    |
| YUV                                 | 95.6340, -28.4136,<br>13.4760 |
| Hunter-Lab                          | 35.2748, -4.2097,<br>18.5804  |

# Details

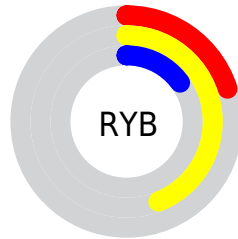
The YUV color **95.6340, -28.4136, 13.4760** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **53.3660, 28.4136, -13.4760**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1890, -30.1662, 15.6202**, and **49.3500, -24.3295, 10.2171** is the 20% darker color. If you saturate the color by 10%, you get **93.2060, -32.6396, 15.6053**, and if you desaturate by 10%, it is **98.0620, -24.1876, 11.3466**.

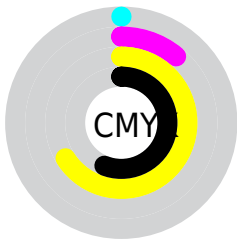
# Distribution



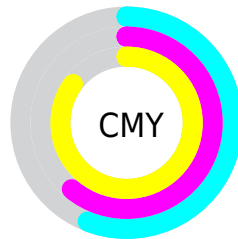
- Red (44%)
- Green (39%)
- Blue (15%)



- Red (20%)
- Yellow (44%)
- Blue (15%)



- Cyan (0%)
- Magenta (11%)
- Yellow (66%)
- Black (56%)



- Cyan (56%)
- Magenta (61%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 95.6340, -28.4136, 13.4760 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 95.6340, -28.4136, 13.4760 by changing the saturation by 10% instead.



95.6340, -28.4136,  
13.4760

95.6340, -28.4136,  
13.4760

255.0000, 0.0000,  
0.0000

71.0360, -28.1187,  
12.2464

147.1890,  
-30.1662, 15.6202

49.3500, -24.3295,  
10.2171

173.6730,  
-30.8978, 16.9498

29.8470, -14.7146,  
6.2732

200.8580,  
-31.4820, 17.6645

5.8810, -2.8993,  
-3.4036

229.6300,  
-32.3556, 17.8645

0.0000, 0.0000,  
0.0000

247.7040,  
-27.9551, 6.3986

250.8960,

-15.7247, 3.5992

254.2020, -3.0576,  
0.6998

95.6340, -28.4136,  
13.4760

95.6340, -28.4136,  
13.4760

93.2060, -32.6396,  
15.6053

98.0620, -24.1876,  
11.3466

90.7780, -36.8656,  
17.7347

100.4900,  
-19.9616, 9.2173

88.9370, -41.3809,  
19.3493

102.3310,  
-15.4462, 7.6027

87.7800, -43.2755,  
20.3639

104.7590,  
-11.2202, 5.4734

107.3010, -6.5574,  
3.2440

■ 109.7290, -2.3314,  
1.1147

■ 112.1570, 1.8946,  
-1.0147

■ 114.5850, 6.1206,  
-3.1440

■ 116.4260, 10.6360,  
-4.7586

# Harmonies

## Analogous

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



97.7380, -25.9998, 32.6788



95.6340, -28.4136, 13.4760



92.3150, -21.3543, -10.8003

# Triad

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



95.6340, -28.4136, 13.4760



81.3790, 24.9562, -71.3694



101.4830, 11.1009, 32.9024

# Complementary

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



95.6340, -28.4136, 13.4760



53.3660, 28.4136, -13.4760

# 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.



101.2930, 22.5336, 5.8820



95.6340, -28.4136, 13.4760



80.7240, 35.1391, -70.7949

# Square

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



95.6340, -28.4136, 13.4760



78.6600, 11.9996, -68.9848



93.3420, 31.3834, -32.7489



100.0150, -2.4724, 46.4678



# Rectangle

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



95.6340, -28.4136, 13.4760



88.3110, -11.9853, -29.2137



93.3420, 31.3834, -32.7489



102.4650, 15.0538, 25.0252

# Sweetspot

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



95.6340, -28.4136, 13.4760



139.3460, -11.5096, 4.9586



61.1950, -5.5191, 43.6790



70.1870, -6.9942, 3.3440



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



95.6340, -28.4136, 13.4760



120.8510, -44.2965, 21.1787



95.5020, -28.3485, -7.4563



54.7290, -2.3314, 1.1147



94.5800, -46.6279, 22.2933



195.3620, -96.3135, 45.2865



# Inverse Universe

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



53.3660, 28.4136, -13.4760



54.5620, 44.5859, -20.6639



53.4980, 28.3485, 7.4563



51.2710, 2.3314, -1.1147



25.4200, 46.6279, -22.2933



52.2250, 96.0241, -45.8013



# Previews

## White Background



This preview shows how the YUV color 95.6340, -28.4136, 13.4760 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 × Fail



# Black Background



This preview shows how the YUV color 95.6340, -28.4136, 13.4760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

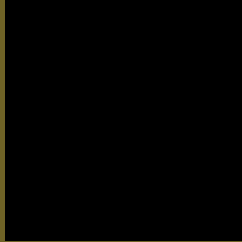
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 95.6340, -28.4136, 13.4760

## Background



This preview shows how black text looks on a background with the YUV color 95.6340, -28.4136, 13.4760.



This preview shows how white text looks on a background with the YUV color 95.6340, -28.4136,



# 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

95.6340, -28.4136, 13.4760

### Protanopia

95.3350, -28.2662, 12.8612

### Deuteranopia

96.5150, -27.8619, 23.2273



## Tritanopia

100.6750, -0.3328, 13.4400

# Trichromacy



## Original Color

95.6340, -28.4136, 13.4760

## Protanomaly

95.3350, -28.2662, 12.8612

## Deuteranomaly

96.3790, -28.2878, 19.8386

## Tritanomaly

98.6290, -10.6631, 13.4804

# Monochromacy



## Original Color

95.6340, -28.4136, 13.4760

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

95.6880, -10.1992, 4.6586

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.6340, -28.4136, 13.4760 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(111, 99, 38)` looks like.

```
.text, #text, p{  
    color:rgb(111, 99, 38)  
}
```

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(111, 99, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 99, 38) }
```

## Border

The CSS property to change the border of an element to YUV 95.6340, -28.4136, 13.4760 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(111, 99, 38) }
```



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

```
.border{ border-color:rgb(111, 99, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 99, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 99, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 99, 38);  
box-shadow:4px 4px 4px 4px rgb(111, 99,  
38) }
```

# Background

The CSS property to change the background color of an element to YUV 95.6340, -28.4136, 13.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 99, 38) }
```

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

```
.background{ background-color: rgb(111, 99,  
38) }
```

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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