

Converting Colors

YUV(97.6340, -11.6516, 3.8290)

Have a look what the booklet for
YUV(97.6340, -11.6516, 3.8290)
contains.

YUV(97.6340, -11.6516, 3.8290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(97.6340, -11.6516,
3.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	66644A
RGB	102, 100, 74
RGB Percent	40%, 39%, 29%
CMY	0.6000, 0.6078, 0.7098
CMYK	0.00, 0.02, 0.27, 0.60
HSL	56°, 16%, 35%
HSV	56°, 27%, 40%
XYZ	11.2727, 12.4335, 8.2843
YIQ	97.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

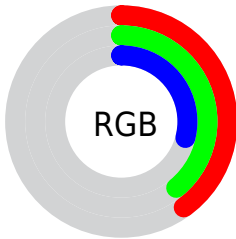
Format	Color
RYB	76, 102, 74
Decimal	6710346
CIELab	41.90, -3.90, 15.07
CIELCh	42, 15.570, 104.494
Yxy	12.4335, 0.3524, 0.3887
Android (android.graphics.Color)	4284900426 (0xFF66644A)
YUV	97.6340, -11.6516, 3.8290
Hunter-Lab	35.2612, -4.6423, 10.7531

Details

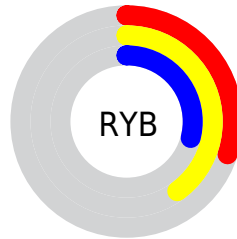
The YUV color **97.6340, -11.6516, 3.8290** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **78.3660, 11.6516, -3.8290**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4060, -12.5252, 4.0289**, and **51.5630, -10.6306, 3.0142** is the 20% darker color. If you saturate the color by 10%, you get **95.9070, -15.7302, 5.3436**, and if you desaturate by 10%, it is **99.3610, -7.5730, 2.3144**.

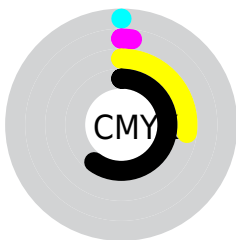
Distribution



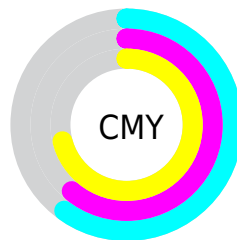
- Red (40%)
- Green (39%)
- Blue (29%)



- Red (30%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (2%)
- Yellow (27%)
- Black (60%)



- Cyan (60%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6340, -11.6516, 3.8290 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 97.6340, -11.6516, 3.8290 by changing the saturation by 10% instead.

■ 97.6340, -11.6516,
3.8290

■ 97.6340, -11.6516,
3.8290

■ 255.0000, 0.0000,
0.0000

■ 73.7480, -11.2148,
3.7290

■ 148.4060,
-12.5252, 4.0289

■ 51.5630, -10.6306,
3.0142

■ 174.7050,
-12.6726, 4.6437

■ 29.3350, -11.5042,
3.2142

■ 202.4770,
-13.5462, 4.8437

■ 6.1690, -3.0413,
-4.5332

■ 230.4770,
-13.5462, 4.8437

■ 0.0000, 0.0000,
0.0000

■ 252.2640,
-10.4832, 2.3995

■ 97.6340, -11.6516,
3.8290

■ 97.6340, -11.6516,
3.8290

■ 95.9070, -15.7302,
5.3436

■ 99.3610, -7.5730,
2.3144

■ 94.7670, -20.0981,
6.3433

■ 100.5010, -3.2050,
1.3146

■ 92.9260, -24.6135,
7.9579

■ 102.3420, 1.3104,
-0.2999

■ 91.1990, -28.6921,
9.4725

■ 104.0690, 5.3890,
-1.8145

■ 89.4720, -32.7707,
10.9871

■ 105.7960, 9.4676,
-3.3291

■ 88.3320, -37.1387,
11.9868

■ 106.9360, 13.8356,
-4.3289

■ 86.6050, -41.2173,
13.5014

■ 108.6630, 17.9141,
-5.8435

■ 86.2630, -42.5277,

■ 110.5040, 22.4295,

13.8013

-7.4580

■ 112.2310, 26.5081,
-8.9726

Harmonies

Analogous

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



99.1730, -12.4103, 13.8803



97.6340, -11.6516, 3.8290



96.1810, -7.9772, -8.0517

Triad

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



97.6340, -11.6516, 3.8290



93.9950, 10.8485, -26.3056



100.7940, 2.5666, 16.8437

Complementary

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



97.6340, -11.6516, 3.8290



78.3660, 11.6516, -3.8290

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.



101.1070, 7.8352, 6.9222



97.6340, -11.6516, 3.8290



96.3210, 13.1527, -18.6985

Square

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



97.6340, -11.6516, 3.8290



93.3280, 5.7543, -25.7207



99.0560, 11.8044, -6.1881



100.8070, -3.8489, 21.2173

Rectangle

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



97.6340, -11.6516, 3.8290



94.8750, -3.8824, -14.7994



99.0560, 11.8044, -6.1881



100.9400, 4.4666, 14.0846

Sweetspot

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



97.6340, -11.6516, 3.8290



131.1590, -4.5154, 1.6146



82.6000, -3.2538, 17.0138



65.3160, -2.6208, 0.5999



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



97.6340, -11.6516, 3.8290



125.6360, -18.0615, 6.4582



95.2200, -10.4615, -4.5779



50.4300, -2.1840, 0.4999



97.1940, -47.9166, 15.6159



204.4330, -100.7855, 32.9463

Inverse Universe

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



78.3660, 11.6516, -3.8290



95.7770, 18.3509, -5.9434



80.7800, 10.4615, 4.5779



46.5700, 2.1840, -0.4999



17.8060, 47.9166, -15.6159



37.5670, 100.7855, -32.9463

Previews

White Background



This preview shows how the YUV color 97.6340, -11.6516, 3.8290 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 97.6340, -11.6516, 3.8290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

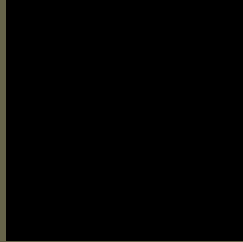
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.6340, -11.6516, 3.8290

Background



This preview shows how black text looks on a background with the YUV color 97.6340, -11.6516, 3.8290.



This preview shows how white text looks on a background with the YUV color 97.6340, -11.6516,

3.8290.

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

97.6340, -11.6516, 3.8290

Protanopia

98.1290, -12.3886, 6.9029

Deuteranopia

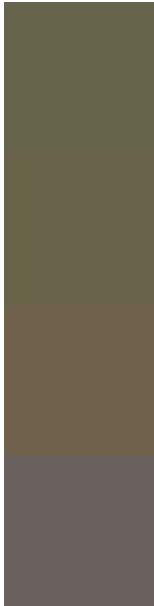
98.9990, -11.8315, 14.9099



Tritanopia

99.9020, 2.0203, 5.3479

Trichromacy



Original Color

97.6340, -11.6516, 3.8290

Protanomaly

97.8300, -12.2412, 6.2881

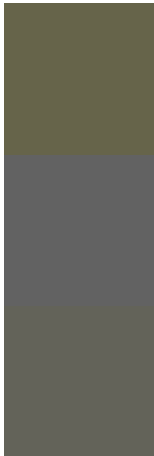
Deuteranomaly

98.6780, -11.6733, 10.8064

Tritanomaly

98.9360, -2.9264, 5.3181

Monochromacy



Original Color

97.6340, -11.6516, 3.8290

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6340, -11.6516, 3.8290 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(102, 100, 74)` looks like.

```
.text, #text, p{  
    color:rgb(102, 100, 74)  
}
```

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(102, 100, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 100, 74) }
```

Border

The CSS property to change the border of an element to YUV 97.6340, -11.6516, 3.8290 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(102, 100, 74) }
```


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

```
.border{ border-color:rgb(102, 100, 74) }
```

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

Here you see how a box with a 4 pixel rgb(102, 100, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 100, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 100, 74);  
box-shadow:4px 4px 4px 4px rgb(102, 100,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 97.6340, -11.6516, 3.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 100, 74) }
```

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

```
.background{ background-color: rgb(102,  
100, 74) }
```

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