

Converting Colors

YUV(111.2990, 3.3036, 13.7698)

Have a look what the booklet for
YUV(111.2990, 3.3036, 13.7698)
contains.

YUV(111.2990, 3.3036, 13.7698)	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(111.2990, 3.3036,
13.7698)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6676
RGB	127, 102, 118
RGB Percent	50%, 40%, 46%
CMY	0.5020, 0.6000, 0.5373
CMYK	0.00, 0.20, 0.07, 0.50
HSL	322°, 11%, 45%
HSV	322°, 20%, 50%
XYZ	16.7738, 15.3228, 19.2131
YIQ	111.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

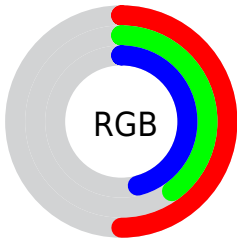
Format	Color
R_{YB}	127, 102, 118
Decimal	8349302
CIE Lab	46.07, 12.90, -5.16
CIE LCh	46, 13.893, 338.217
Yxy	15.3228, 0.3269, 0.2986
Android (android.graphics.Color)	4286539382 (0xFF7F6676)
YUV	111.2990, 3.3036, 13.7698
Hunter-Lab	39.1443, 7.9867, -1.7001

Details

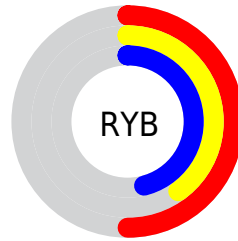
The YUV color **111.2990, 3.3036, 13.7698** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.7010, -3.3036, -13.7698**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0110, 3.4456, 14.8994**, and **63.5870, 3.1616, 12.6402** is the 20% darker color. If you saturate the color by 10%, you get **103.0980, 4.8817, 20.9621**, and if you desaturate by 10%, it is **119.5000, 1.7255, 6.5775**.

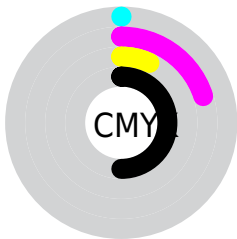
Distribution



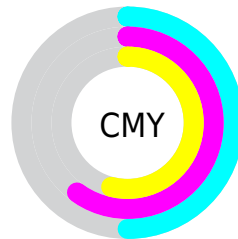
- Red (50%)
- Green (40%)
- Blue (46%)



- Red (50%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.2990, 3.3036, 13.7698 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 111.2990, 3.3036, 13.7698 by changing the saturation by 10% instead.

■ 111.2990, 3.3036,
13.7698

■ 111.2990, 3.3036,
13.7698

255.0000, 0.0000,
0.0000

■ 86.8860, 3.0142,
13.2550

■ 163.0110, 3.4456,
14.8994

■ 63.5870, 3.1616,
12.6402

■ 190.3100, 3.2982,
15.5141

■ 41.1740, 2.8722,
12.1254

■ 217.7230, 3.5876,
16.0289

■ 19.9890, 3.4564,
11.4106

■ 243.7330, 5.0616,
9.8812

■ 0.0000, 0.0000,
0.0000

■ 111.2990, 3.3036,

■ 111.2990, 3.3036,

13.7698

13.7698

■ 103.0980, 4.8817,
20.9621

■ 119.5000, 1.7255,
6.5775

■ 95.5980, 6.6072,
27.5396

■ 127.0000, 0.0000,
0.0000

■ 87.3970, 8.1853,
34.7318

■ 135.2010, -1.5781,
-7.1923

■ 79.3100, 10.2002,
41.8241

■ 143.2880, -3.5930,
-14.2846

■ 71.6960, 11.4889,
48.5016

■ 150.9020, -4.8817,
-20.9621

■ 63.6090, 13.5038,
55.5939

■ 158.9890, -6.8966,
-28.0544

■ 55.4080, 15.0819,
62.7862

■ 167.1900, -8.4747,
-35.2466

■ 47.2070, 16.6599,
69.9785

■ 175.3910,
-10.0528, -42.4389

■ 182.8910,
-11.7783, -49.0164

Harmonies

Analogous

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



110.4980, 8.1355, 3.9483



111.2990, 3.3036, 13.7698



111.1380, -2.5330, 19.1730

Triad

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



111.2990, 3.3036, 13.7698



108.1720, -10.9308, 5.9882



104.8490, 8.9484, -23.5466

Complementary

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



111.2990, 3.3036, 13.7698



117.7010, -3.3036, -13.7698

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.



104.7800, 3.5595, -21.7321



111.2990, 3.3036, 13.7698



107.2030, -7.9881, -4.5630

Square

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



111.2990, 3.3036, 13.7698



109.9280, -10.8105, 14.0951



105.5160, -2.7194, -14.4845



106.8650, 11.4056, -18.2986

Rectangle

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



111.2990, 3.3036, 13.7698



110.9270, -5.8800, 19.3580



105.5160, -2.7194, -14.4845



104.7950, 7.4961, -24.3762

Sweetspot

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



111.2990, 3.3036, 13.7698



159.6740, 1.1467, 5.5479



107.5410, 9.5933, 3.0335



80.2500, 0.8628, 3.2888



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



111.2990, 3.3036, 13.7698



140.8100, 5.0237, 22.0916



109.9310, -1.9380, 14.9695



59.5490, 0.7153, 3.9035



47.6200, 16.9493, 70.4933



0.0000, 0.0000, 0.0000

Inverse Universe

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



111.2990, 3.3036, 13.7698



140.8100, 5.0237, 22.0916



119.0690, 1.9380, -14.9695



59.5490, 0.7153, 3.9035



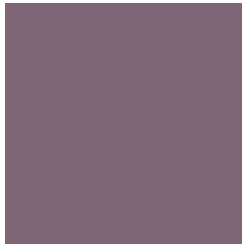
47.6200, 16.9493, 70.4933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 111.2990, 3.3036, 13.7698 looks on a white background.

Color Contrast Check

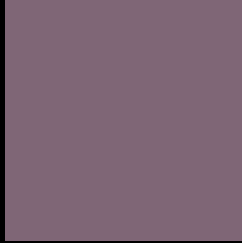
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.2990, 3.3036, 13.7698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

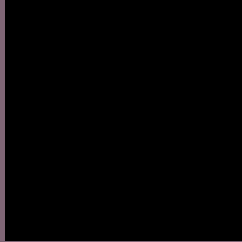
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.2990, 3.3036, 13.7698

Background



This preview shows how black text looks on a background with the YUV color 111.2990, 3.3036, 13.7698.



This preview shows how white text looks on a background with the YUV color 111.2990, 3.3036,

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

111.2990, 3.3036, 13.7698

Protanopia

109.8840, 5.9732, -2.5293

Deuteranopia

110.2440, 3.3307, 5.0480



Tritanopia

110.7890, 0.1040, 13.3400

Trichromacy



Original Color

111.2990, 3.3036, 13.7698

Protanomaly

110.1020, 5.3727, 3.4185

Deuteranomaly

110.8530, 3.0305, 8.0219

Tritanomaly

111.1310, 1.4144, 13.0401

Monochromacy



Original Color

111.2990, 3.3036, 13.7698

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.3750, 1.2941, 4.9331

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2990, 3.3036, 13.7698 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(127, 102, 118)` looks like.

```
.text, #text, p{  
    color:rgb(127, 102, 118)  
}
```

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(127, 102, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 102, 118) }
```

Border

The CSS property to change the border of an element to YUV 111.2990, 3.3036, 13.7698 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(127, 102, 118) }
```


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

```
.border{ border-color:rgb(127, 102, 118) }
```

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

Here you see how a box with a 4 pixel rgb(127, 102, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 102, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 102, 118);  
box-shadow:4px 4px 4px 4px rgb(127, 102,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 111.2990, 3.3036, 13.7698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 102, 118) }
```

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

```
.background{ background-color: rgb(127,  
102, 118) }
```

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