

Converting Colors

YUV(113.8630, -5.3555,
37.8311)

Have a look what the booklet for
YUV(113.8630, -5.3555, 37.8311)
contains.

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Color

**YUV(113.8630, -5.3555,
37.8311)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5E67
RGB	157, 94, 103
RGB Percent	62%, 37%, 40%
CMY	0.3843, 0.6314, 0.5961
CMYK	0.00, 0.40, 0.34, 0.38
HSL	351°, 25%, 49%
HSV	351°, 40%, 62%
XYZ	20.3555, 16.1528, 14.8769
YIQ	113.8630, 34.6590, 16.1550

Conversions

Conversions Part 2

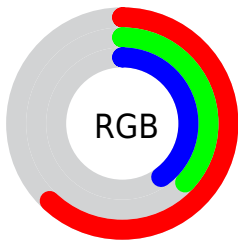
Format	Color
R_{YB}	157, 94, 103
Decimal	10313319
CIE _{Lab}	47.17, 26.84, 5.91
CIE _{LCh}	47, 27.487, 12.418
Yxy	16.1528, 0.3961, 0.3143
Android (android.graphics.Color)	4288503399 (0xFF9D5E67)
YUV	113.8630, -5.3555, 37.8311
Hunter-Lab	40.1905, 20.0725, 6.1866

Details

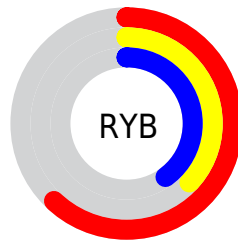
The YUV color **113.8630, -5.3555, 37.8311** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **137.1370, 5.3555, -37.8311**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3580, -6.0925, 40.9050**, and **64.1830, -4.0342, 34.0425** is the 20% darker color. If you saturate the color by 10%, you get **102.9890, -6.4036, 47.3676**, and if you desaturate by 10%, it is **124.7370, -4.3073, 28.2947**.

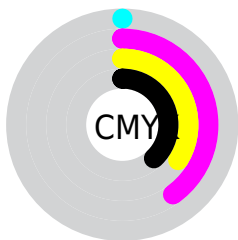
Distribution



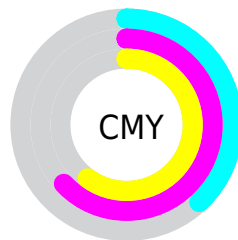
- Red (62%)
- Green (37%)
- Blue (40%)



- Red (62%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (40%)
- Yellow (34%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8630, -5.3555, 37.8311 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 113.8630, -5.3555, 37.8311 by changing the saturation by 10% instead.

■ 113.8630, -5.3555,
37.8311

■ 113.8630, -5.3555,
37.8311

■ 255.0000, 0.0000,
0.0000

■ 88.9660, -4.9132,
35.9868

■ 166.3580, -6.0925,
40.9050

■ 64.1830, -4.0342,
34.0425

■ 193.9560, -6.3873,
42.1346

■ 40.8130, -2.8658,
32.6130

■ 217.3570, -4.6130,
33.0129

■ 17.3290, -2.1342,
31.2835

■ 237.0990, -0.0488,
15.6992

■ 8.4860, -3.6906,
17.1138

■ 0.0000, 0.0000,
0.0000

■ 113.8630, -5.3555,
37.8311

■ 113.8630, -5.3555,
37.8311

■ 102.9890, -6.4036,
47.3676

■ 124.7370, -4.3073,
28.2947

■ 92.5880, -8.1779,
56.4893

■ 135.1380, -2.5330,
19.1730

■ 81.7140, -9.2260,
66.0258

■ 146.0120, -1.4849,
9.6365

■ 70.7260, -10.7109,
75.6623

■ 157.0000, 0.0000,
0.0000

■ 59.8520, -11.7590,
85.1988

■ 167.8740, 1.0481,
-9.5365

■ 49.4510, -13.5333,
94.3205

■ 178.2750, 2.8224,
-18.6582

■ 189.1490, 3.8705,
-28.1947

■ 200.1370, 5.3555,

-37.8311

■ 210.4240, 6.6930,
-46.8528

Harmonies

Analogous

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



114.9680, 5.4388, 28.9691



113.8630, -5.3555, 37.8311



112.6210, -15.0962, 35.4124

Triad

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



113.8630, -5.3555, 37.8311



106.7260, -14.6549, -12.9147



103.3810, 25.4482, -42.4301

Complementary

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



113.8630, -5.3555, 37.8311



137.1370, 5.3555, -37.8311

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.



93.4720, 23.9243, -67.0659



113.8630, -5.3555, 37.8311



102.0960, -2.5123, -34.2872

Square

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



113.8630, -5.3555, 37.8311



109.7240, -21.5559, 7.2581



95.8510, 12.3985, -56.8743



111.1610, 22.5986, -15.0502

Rectangle

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



113.8630, -5.3555, 37.8311



111.9100, -20.1686, 29.0199



95.8510, 12.3985, -56.8743



100.0270, 25.6227, -51.7667

Sweetspot

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



113.8630, -5.3555, 37.8311



187.5180, -2.2274, 14.4547



117.3280, 19.5583, 26.8993



92.4140, -1.1901, 8.4069



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



113.8630, -5.3555, 37.8311



136.8980, -8.3307, 58.8485



125.7510, -15.6532, 27.4054



73.5060, -0.7425, 4.8182



45.0370, -12.3432, 85.9136



4.7130, -1.3375, 9.0217

Inverse Universe

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



113.8630, -5.3555, 37.8311



136.8980, -8.3307, 58.8485



125.2490, 15.6532, -27.4054



73.5060, -0.7425, 4.8182



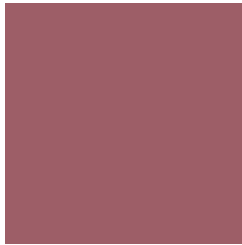
45.0370, -12.3432, 85.9136



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 113.8630, -5.3555, 37.8311 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 113.8630, -5.3555, 37.8311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

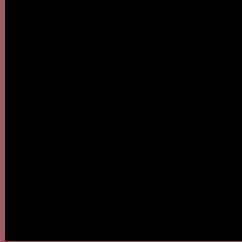
Any Text WCAG AA × Fail

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 113.8630, -5.3555, 37.8311 Background



This preview shows how black text looks on a background with the YUV color 113.8630, -5.3555, 37.8311.



This preview shows how white text looks on a background with the YUV color 113.8630, -5.3555,

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

113.8630, -5.3555, 37.8311

Protanopia

112.7120, 0.1420, 1.1296

Deuteranopia

112.8830, -5.8583, 12.3806



Tritanopia

113.6350, -6.2291, 38.0311

Trichromacy



Original Color

113.8630, -5.3555, 37.8311

Protanomaly

112.9310, -1.9380, 14.9695

Deuteranomaly

113.3510, -5.5960, 21.6172

Tritanomaly

113.7490, -5.7923, 37.9311

Monochromacy



Original Color

113.8630, -5.3555, 37.8311

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2190, -2.0800, 13.8399

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8630, -5.3555, 37.8311 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(157, 94, 103)` looks like.

```
.text, #text, p{  
    color:rgb(157, 94, 103)  
}
```

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(157, 94, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 94, 103) }
```

Border

The CSS property to change the border of an element to YUV 113.8630, -5.3555, 37.8311 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(157, 94, 103) }
```


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

```
.border{ border-color:rgb(157, 94, 103) }
```

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

Here you see how a box with a 4 pixel rgb(157, 94, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 94, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 94, 103);  
box-shadow:4px 4px 4px 4px rgb(157, 94,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 113.8630, -5.3555, 37.8311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 94, 103) }
```

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

```
.background{ background-color: rgb(157, 94,  
103) }
```

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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