

Converting Colors

YUV(103.5310, -2.2338,
-30.2837)

Have a look what the booklet for
YUV(103.5310, -2.2338, -30.2837)
contains.

YUV(103.5310, -2.2338, -30.2837)	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(103.5310, -2.2338,
-30.2837)**

Conversions

Conversions Part 1

Format	Color
Hex	457A63
RGB	69, 122, 99
RGB Percent	27%, 48%, 39%
CMY	0.7294, 0.5216, 0.6118
CMYK	0.43, 0.00, 0.19, 0.52
HSL	154°, 28%, 37%
HSV	154°, 43%, 48%
XYZ	11.6659, 16.0851, 14.2943
YIQ	103.5310, -24.2050, -18.3890

Conversions

Conversions Part 2

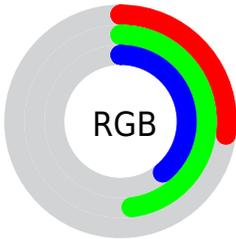
Format	Color
RYB	69, 103, 122
Decimal	4553315
CIELab	47.09, -23.44, 7.12
CIElCh	47, 24.497, 163.100
Yxy	16.0851, 0.2775, 0.3826
Android (android.graphics.Color)	4282743395 (0xFF457A63)
YUV	103.5310, -2.2338, -30.2837
Hunter-Lab	40.1063, -18.2648, 6.9429

Details

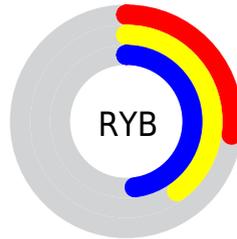
The YUV color **103.5310, -2.2338, -30.2837** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **87.4690, 2.2338, 30.2837**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7050, -2.8126, -31.3133**, and **54.1610, -1.0654, -31.7132** is the 20% darker color. If you saturate the color by 10%, you get **99.3730, -2.6489, -37.1611**, and if you desaturate by 10%, it is **107.6890, -1.8187, -23.4063**.

Distribution



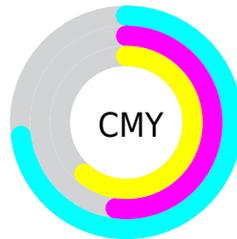
- Red (27%)
- Green (48%)
- Blue (39%)



- Red (27%)
- Yellow (40%)
- Blue (48%)



- Cyan (43%)
- Magenta (0%)
- Yellow (19%)
- Black (52%)



- Cyan (73%)
- Magenta (52%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5310, -2.2338, -30.2837 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 103.5310, -2.2338, -30.2837 by changing the saturation by 10% instead.

■ 103.5310, -2.2338,
-30.2837

■ 103.5310, -2.2338,
-30.2837

■ 255.0000, 0.0000,
0.0000

■ 78.6450, -1.7970,
-30.3837

■ 155.7050, -2.8126,
-31.3133

■ 54.1610, -1.0654,
-31.7132

■ 182.2920, -3.1020,
-31.8281

■ 32.8840, -0.9288,
-28.8393

■ 210.2920, -3.1020,
-31.8281

■ 18.4080, -5.6241,
-16.1438

■ 236.5310, -2.2338,
-30.2837

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,
-15.3694

■ 103.5310, -2.2338,
-30.2837

■ 103.5310, -2.2338,
-30.2837

■ 99.3730, -2.6489,
-37.1611

■ 107.6890, -1.8187,
-23.4063

■ 95.1010, -3.5008,
-43.9386

■ 111.9610, -0.9668,
-16.6288

■ 90.6440, -3.7685,
-51.4308

■ 116.4180, -0.6991,
-9.1366

■ 86.4860, -4.1836,
-58.3082

■ 120.5760, -0.2840,
-2.2592

■ 82.3280, -4.5987,
-65.1857

■ 124.7340, 0.1311,
4.6183

■ 79.4800, -5.1666,
-69.7040

■ 129.0060, 0.9830,
11.3957

■ 133.1640, 1.3981,
18.2732

■ 137.6210, 1.6658,

25.7654

■ 141.8930, 2.5178,
32.5428

Harmonies

Analogous

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



107.1930, -12.9131, -11.5703



103.5310, -2.2338, -30.2837



99.6350, 10.0399, -47.0379

Triad

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



103.5310, -2.2338, -30.2837



111.4880, 19.9724, -12.7060



112.8270, -14.2117, 31.7237

Complementary

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



103.5310, -2.2338, -30.2837



87.4690, 2.2338, 30.2837

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.



113.5420, -5.1972, 33.7277



103.5310, -2.2338, -30.2837



114.3230, 13.6448, 10.2407

Square

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



103.5310, -2.2338, -30.2837



105.3280, 22.5163, -35.3677



114.4300, 4.7180, 26.8099



111.2080, -18.8365, 21.7426

Rectangle

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



103.5310, -2.2338, -30.2837



98.4370, 17.0396, -52.1262



114.4300, 4.7180, 26.8099



112.9350, -11.3070, 33.3830

Sweetspot

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



103.5310, -2.2338, -30.2837



150.9940, -0.9830, -11.3957



107.2870, -18.8755, -12.5297



74.5430, -0.2677, -7.4922



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



103.5310, -2.2338, -30.2837



129.3780, -3.6374, -46.8125



104.3920, 8.6807, -31.0388



58.9780, 0.0108, -3.4887



81.4690, -5.1612, -71.4483



164.2260, -10.4644, -144.0262

Inverse Universe

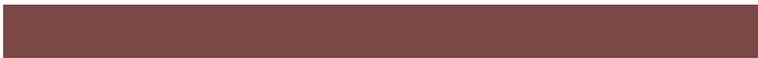
The Inverse Universe completely reimagines the original color for something new.



87.4690, 2.2338, 30.2837



104.6220, 3.6374, 46.8125



86.6080, -8.6807, 31.0388



57.1360, 0.4260, 3.3887



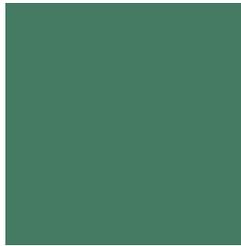
43.5310, 5.1612, 71.4483



87.8880, 10.9012, 143.9262

Previews

White Background



This preview shows how the YUV color 103.5310, -2.2338, -30.2837 looks on a white background.

Color Contrast Check

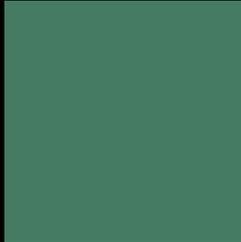
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.5310, -2.2338, -30.2837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

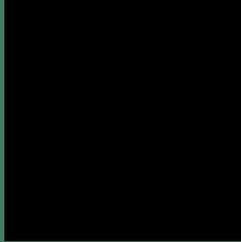
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.5310, -2.2338, -30.2837

Background



This preview shows how black text looks on a background with the YUV color 103.5310, -2.2338, -30.2837.



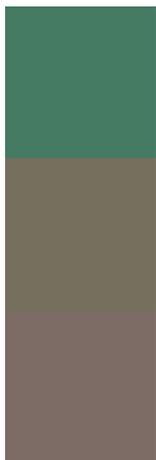
This preview shows how white text looks on a background with the YUV color 103.5310, -2.2338, -30.2837.

-30.2837.

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

103.5310, -2.2338, -30.2837

Protanopia

110.7420, -8.7468, 5.4883

Deuteranopia

111.8120, -4.8373, 11.5659



Tritanopia

106.5820, 10.5591, -26.8204

Trichromacy



Original Color

103.5310, -2.2338, -30.2837

Protanomaly

108.2350, -6.5249, -7.2221

Deuteranomaly

108.6530, -3.7729, -3.2037

Tritanomaly

105.0180, 5.9071, -28.0798

Monochromacy



Original Color

103.5310, -2.2338, -30.2837

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9940, -0.9830, -11.3957

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5310, -2.2338, -30.2837 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(69, 122, 99)` looks like.

```
.text, #text, p{  
    color:rgb(69, 122, 99)  
}
```

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(69, 122, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 122, 99) }
```

Border

The CSS property to change the border of an element to YUV 103.5310, -2.2338, -30.2837 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(69, 122, 99) }
```

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

```
.border{ border-color:rgb(69, 122, 99) }
```

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

Here you see how a box with a 4 pixel rgb(69, 122, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 122, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 122, 99);  
box-shadow:4px 4px 4px 4px rgb(69, 122,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 103.5310, -2.2338, -30.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 122, 99) }
```

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

```
.background{ background-color: rgb(69, 122,  
99) }
```

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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