

Converting Colors

YUV(126.1370, 5.3555,
-37.8311)

Have a look what the booklet for
YUV(126.1370, 5.3555, -37.8311)
contains.

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Color

**YUV(126.1370, 5.3555,
-37.8311)**

Conversions

Conversions Part 1

Format	Color
Hex	539289
RGB	83, 146, 137
RGB Percent	33%, 57%, 54%
CMY	0.6745, 0.4275, 0.4627
CMYK	0.43, 0.00, 0.06, 0.43
HSL	171°, 28%, 45%
HSV	171°, 43%, 57%
XYZ	18.3615, 24.2029, 27.3708
YIQ	126.1370, -34.6590, -16.1550

Conversions

Conversions Part 2

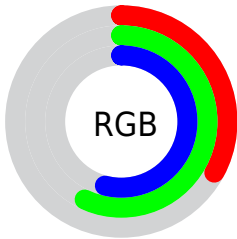
Format	Color
R_{YB}	83, 117, 146
Decimal	5477001
CIE _{Lab}	56.29, -22.56, -1.58
CIE _{LCh}	56, 22.611, 184.019
Y _{xy}	24.2029, 0.2626, 0.3461
Android (android.graphics.Color)	4283667081 (0xFF539289)
YUV	126.1370, 5.3555, -37.8311
Hunter-Lab	49.1965, -19.4725, 1.4511

Details

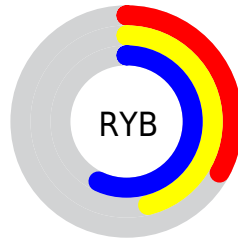
The YUV color **126.1370, 5.3555, -37.8311** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **102.8630, -5.3555, 37.8311**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7240, 5.0661, -38.3459**, and **74.3540, 6.2345, -39.7755** is the 20% darker color. If you saturate the color by 10%, you get **121.4240, 6.6930, -46.8528**, and if you desaturate by 10%, it is **130.8500, 4.0180, -28.8094**.

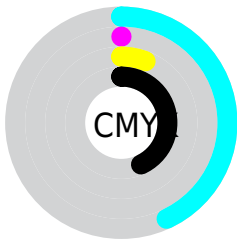
Distribution



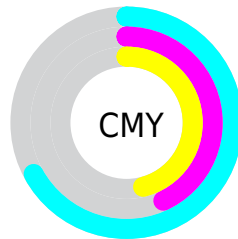
- Red (33%)
- Green (57%)
- Blue (54%)



- Red (33%)
- Yellow (46%)
- Blue (57%)



- Cyan (43%)
- Magenta (0%)
- Yellow (6%)
- Black (43%)



- Cyan (67%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.1370, 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 126.1370, 5.3555, -37.8311 by changing the saturation by 10% instead.

■ 126.1370, 5.3555,
-37.8311

■ 126.1370, 5.3555,
-37.8311

■ 255.0000, 0.0000,
0.0000

■ 100.2510, 5.7923,
-37.9311

■ 179.7240, 5.0661,
-38.3459

■ 74.3540, 6.2345,
-39.7755

■ 207.4250, 5.2135,
-38.9607

■ 48.9730, 7.4083,
-42.9493

■ 234.9520, 5.9397,
-38.5459

■ 32.9640, 4.4547,
-28.9094

■ 244.5350, 5.1592,
-21.5172

■ 19.5310, 1.2172,
-17.1287

■ 253.2060, 0.8844,
-3.6887

■ 0.0000, 0.0000,
0.0000

■ 126.1370, 5.3555,
-37.8311

■ 126.1370, 5.3555,
-37.8311

■ 121.4240, 6.6930,
-46.8528

■ 130.8500, 4.0180,
-28.8094

■ 117.0100, 7.8831,
-55.2598

■ 135.2640, 2.8278,
-20.4025

■ 112.2970, 9.2206,
-64.2815

■ 139.9770, 1.4903,
-11.3808

■ 107.8830, 10.4107,
-72.6884

■ 144.3910, 0.3002,
-2.9739

■ 103.1700, 11.7482,
-81.7101

■ 149.1040, -1.0373,
6.0478

■ 99.9520, 12.3487,
-87.6579

■ 153.9310, -1.9380,
14.9695

■ 158.3450, -3.1281,
23.3764

■ 163.0580, -4.4656,

32.3981

■ 167.4720, -5.6557,
40.8051

Harmonies

Analogous

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



128.6630, -5.7499, -22.5065



126.1370, 5.3555, -37.8311



125.3240, 15.1233, -44.1341

Triad

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



126.1370, 5.3555, -37.8311



137.0340, 15.2662, 3.4782



135.5720, -17.5370, 24.9314

Complementary

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



126.1370, 5.3555, -37.8311



102.8630, -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.



137.2230, -11.4489, 32.2534



126.1370, 5.3555, -37.8311



138.0810, 7.3551, 20.9770

Square

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



126.1370, 5.3555, -37.8311



133.7540, 19.8413, -17.3243



138.2150, -2.5710, 31.3834



134.1420, -18.8040, 11.2765

Rectangle

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



126.1370, 5.3555, -37.8311



127.3830, 19.0382, -39.8009



138.2150, -2.5710, 31.3834



136.0500, -15.8006, 28.0202

Sweetspot

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



126.1370, 5.3555, -37.8311



181.0690, 1.9380, -14.9695



122.6720, -19.5583, -26.8993



89.2870, 1.3375, -9.0217



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



126.1370, 5.3555, -37.8311



158.1020, 8.3307, -58.8485



114.2490, 15.6532, -27.4054



71.7930, 0.5951, -4.2035



94.4580, 11.6062, -82.8397



6.8960, 1.0373, -6.0478

Inverse Universe

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



102.8630, -5.3555, 37.8311



121.8980, -8.3307, 58.8485



114.7510, -15.6532, 27.4054



69.2070, -0.5951, 4.2035



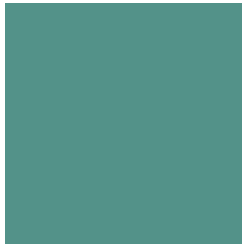
43.5420, -11.6062, 82.8397



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 126.1370, 5.3555, -37.8311 looks on a white 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

Black Background



This preview shows how the YUV color 126.1370, 5.3555, -37.8311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

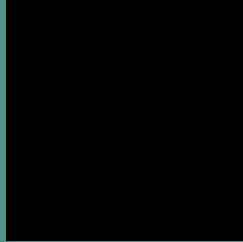
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.1370, 5.3555, -37.8311 Background



This preview shows how black text looks on a background with the YUV color 126.1370, 5.3555, -37.8311.



This preview shows how white text looks on a background with the YUV color 126.1370, 5.3555,

-37.8311.

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

126.1370, 5.3555, -37.8311

Protanopia

134.7400, -2.3368, 2.8590

Deuteranopia

135.6250, 2.1569, 8.2219



Tritanopia

127.9230, 13.3490, -35.0125

Trichromacy



Original Color

126.1370, 5.3555, -37.8311

Protanomaly

131.4500, 0.7642, -11.7956

Deuteranomaly

132.1560, 3.3741, -8.9068

Tritanomaly

127.1140, 10.2968, -36.0570

Monochromacy



Original Color

126.1370, 5.3555, -37.8311

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7810, 2.0800, -13.8399

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.1370, 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(83, 146, 137)` looks like.

```
.text, #text, p{  
    color:rgb(83, 146, 137)  
}
```

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(83, 146, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 146, 137) }
```

Border

The CSS property to change the border of an element to YUV 126.1370, 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(83, 146, 137) }
```


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

```
.border{ border-color:rgb(83, 146, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 146, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 146, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 146, 137);  
box-shadow:4px 4px 4px 4px rgb(83, 146,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 126.1370, 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(83, 146, 137) }
```

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

```
.background{ background-color: rgb(83, 146,  
137) }
```

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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