

Converting Colors

YUV(137.4870, -2.2121,
-37.2611)

Have a look what the booklet for
YUV(137.4870, -2.2121, -37.2611)
contains.

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Color

**YUV(137.4870, -2.2121,
-37.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA085
RGB	95, 160, 133
RGB Percent	37%, 63%, 52%
CMY	0.6275, 0.3725, 0.4784
CMYK	0.41, 0.00, 0.17, 0.37
HSL	155°, 25%, 50%
HSV	155°, 41%, 63%
XYZ	21.5238, 29.2680, 26.7052
YIQ	137.4870, -30.0730, -22.1770

Conversions

Conversions Part 2

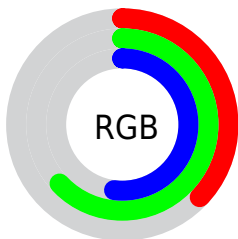
Format	Color
RYB	95, 136, 160
Decimal	6267013
CIELab	61.02, -27.21, 7.60
CIELCh	61, 28.249, 164.399
Yxy	29.2680, 0.2777, 0.3777
Android (android.graphics.Color)	4284457093 (0xFF5FA085)
YUV	137.4870, -2.2121, -37.2611
Hunter-Lab	54.0999, -23.6581, 8.6028

Details

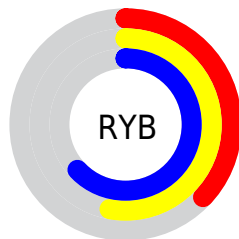
The YUV color $137.4870, -2.2121, -37.2611$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $117.5130, 2.2121, 37.2611$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.6610, -2.7909, -38.2907$, and $85.7150, -1.3385, -37.4611$ is the 20% darker color. If you saturate the color by 10%, you get $131.9050, -2.9112, -46.3977$, and if you desaturate by 10%, it is $143.0690, -1.5130, -28.1245$.

Distribution



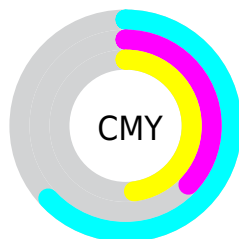
- Red (37%)
- Green (63%)
- Blue (52%)



- Red (37%)
- Yellow (53%)
- Blue (63%)



- Cyan (41%)
- Magenta (0%)
- Yellow (17%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.4870, -2.2121, -37.2611 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 137.4870, -2.2121, -37.2611 by changing the saturation by 10% instead.

■ 137.4870, -2.2121,
-37.2611

■ 137.4870, -2.2121,
-37.2611

255.0000, 0.0000,
0.0000

■ 111.6010, -1.7753,
-37.3611

■ 191.6610, -2.7909,
-38.2907

■ 85.7150, -1.3385,
-37.4611

■ 220.2480, -3.0803,
-38.8055

■ 59.1490, 0.4195,
-41.3497

■ 238.2690, 1.8394,
-30.0539

■ 39.6660, -0.3283,
-34.7871

■ 248.4220, 3.2430,
-13.5251

■ 24.3580, -3.1345,
-21.3620

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,

0.0000

■ 137.4870, -2.2121,
-37.2611

■ 137.4870, -2.2121,
-37.2611

■ 131.9050, -2.9112,
-46.3977

■ 143.0690, -1.5130,
-28.1245

■ 126.4370, -3.1734,
-55.6342

■ 148.5370, -1.2507,
-18.8879

■ 120.8550, -3.8725,
-64.7708

■ 154.1190, -0.5517,
-9.7514

■ 115.2730, -4.5716,
-73.9074

■ 159.7010, 0.1474,
-0.6148

■ 109.8050, -4.8339,
-83.1440

■ 165.1690, 0.4097,
8.6218

■ 104.6360, -5.2435,
-91.7658

■ 170.7510, 1.1088,
17.7584

■ 176.3330, 1.8078,
26.8950

■ 181.8010, 2.0701,
36.1315

■ 187.3830, 2.7692,
45.2681

Harmonies

Analogous

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



141.3020, -14.9389, -15.1739



137.4870, -2.2121, -37.2611



133.5630, 12.5404, -55.7448

Triad

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



137.4870, -2.2121, -37.2611



146.8130, 23.7562, -12.9910



148.3610, -17.4330, 38.2714

Complementary

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



137.4870, -2.2121, -37.2611



117.5130, 2.2121, 37.2611

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.



150.1300, -6.9661, 41.1050



137.4870, -2.2121, -37.2611



150.9150, 15.8179, 13.2295

Square

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



137.4870, -2.2121, -37.2611



140.1470, 27.0425, -40.4709



150.8760, 4.9911, 32.5577



146.7910, -23.0680, 25.6163

Rectangle

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



137.4870, -2.2121, -37.2611



133.0060, 20.7030, -60.5183



150.8760, 4.9911, 32.5577



148.8820, -14.2388, 40.4455

Sweetspot

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



137.4870, -2.2121, -37.2611



200.3850, -0.6828, -14.3696



141.2280, -22.7904, -16.8630



99.7170, -0.8465, -8.5218



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



137.4870, -2.2121, -37.2611



173.7140, -3.3100, -58.5082



137.6300, 11.0284, -37.3865



76.2660, -0.1311, -4.6183



93.4030, -5.1287, -81.9144



9.8310, -0.4097, -8.6218

Inverse Universe

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



117.5130, 2.2121, 37.2611



142.2860, 3.3100, 58.5082



117.3700, -11.0284, 37.3865



73.7340, 0.1311, 4.6183



49.4830, 4.6919, 82.0144



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 137.4870, -2.2121, -37.2611 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 137.4870, -2.2121, -37.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

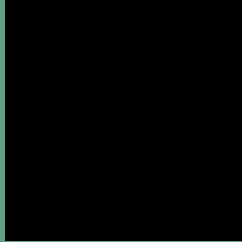
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.4870, -2.2121, -37.2611

Background



This preview shows how black text looks on a background with the YUV color 137.4870, -2.2121, -37.2611.



This preview shows how white text looks on a background with the YUV color 137.4870, -2.2121, -37.2611.

-37.2611.

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

137.4870, -2.2121, -37.2611

Protanopia

146.1120, -9.9152, 6.9178

Deuteranopia

147.4210, -5.1376, 14.5398



Tritanopia

140.9340, 13.3435, -33.2681

Trichromacy



Original Color

137.4870, -2.2121, -37.2611

Protanomaly

143.1100, -6.9562, -8.8665

Deuteranomaly

143.9410, -3.9149, -4.3333

Tritanomaly

139.7290, 7.5286, -34.8423

Monochromacy



Original Color

137.4870, -2.2121, -37.2611

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0970, -0.5408, -13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4870, -2.2121, -37.2611 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(95, 160, 133)` looks like.

```
.text, #text, p{  
    color:rgb(95, 160, 133)  
}
```

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(95, 160, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 160, 133) }
```

Border

The CSS property to change the border of an element to YUV 137.4870, -2.2121, -37.2611 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(95, 160, 133) }
```


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

```
.border{ border-color:rgb(95, 160, 133) }
```

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

Here you see how a box with a 4 pixel rgb(95, 160, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 160, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 160, 133);  
box-shadow:4px 4px 4px 4px rgb(95, 160,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 137.4870, -2.2121, -37.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 160, 133) }
```

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

```
.background{ background-color: rgb(95, 160,  
133) }
```

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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