

Converting Colors

YUV(82.0250, -11.3513, 0.8551)

Have a look what the booklet for
YUV(82.0250, -11.3513, 0.8551)
contains.

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Color

**YUV(82.0250, -11.3513,
0.8551)**

Conversions

Conversions Part 1

Format	Color
Hex	53563B
RGB	83, 86, 59
RGB Percent	33%, 34%, 23%
CMY	0.6745, 0.6627, 0.7686
CMYK	0.03, 0.00, 0.31, 0.66
HSL	67°, 19%, 28%
HSV	67°, 31%, 34%
XYZ	7.6845, 8.8103, 5.4332
YIQ	82.0250, 6.8790, -9.0330

Conversions

Conversions Part 2

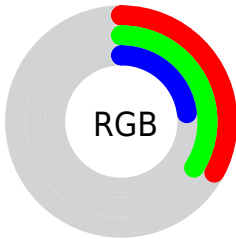
Format	Color
R_{YB}	59, 86, 62
Decimal	5461563
CIE Lab	35.62, -6.28, 15.36
CIE LCh	36, 16.597, 112.240
Yxy	8.8103, 0.3504, 0.4018
Android (android.graphics.Color)	4283651643 (0xFF53563B)
YUV	82.0250, -11.3513, 0.8551
Hunter-Lab	29.6822, -5.7317, 9.9247

Details

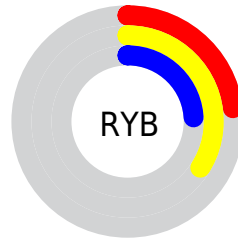
The YUV color **82.0250, -11.3513, 0.8551** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.9750, 11.3513, -0.8551**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.6830, -12.6617, 1.1550**, and **37.2530, -10.4777, 0.6551** is the 20% darker color. If you saturate the color by 10%, you get **80.7000, -15.1351, 1.1401**, and if you desaturate by 10%, it is **83.3500, -7.5675, 0.5701**.

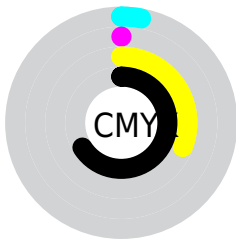
Distribution



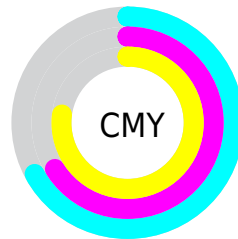
- Red (33%)
- Green (34%)
- Blue (23%)



- Red (23%)
- Yellow (34%)
- Blue (24%)



- Cyan (3%)
- Magenta (0%)
- Yellow (31%)
- Black (66%)



- Cyan (67%)
- Magenta (66%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0250, -11.3513, 0.8551 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 82.0250, -11.3513, 0.8551 by changing the saturation by 10% instead.

■ 82.0250, -11.3513,
0.8551

■ 82.0250, -11.3513,
0.8551

■ 255.0000, 0.0000,
0.0000

■ 59.1390, -10.9145,
0.7551

■ 131.6830,
-12.6617, 1.1550

■ 37.2530, -10.4777,
0.6551

■ 157.6830,
-12.6617, 1.1550

■ 16.8120, -8.2883,
-1.5891

■ 184.5690,
-13.0985, 1.2550

■ 0.0000, 0.0000,
0.0000

■ 212.4550,
-13.5353, 1.3550

■ 240.4550,
-13.5353, 1.3550

■ 253.4040, -6.1152,

1.3997

■ 82.0250, -11.3513,
0.8551

■ 82.0250, -11.3513,
0.8551

■ 80.7000, -15.1351,
1.1401

■ 83.3500, -7.5675,
0.5701

■ 79.4890, -18.4821,
1.3251

■ 84.5610, -4.2206,
0.3850

■ 78.1640, -22.2659,
1.6102

■ 85.8860, -0.4368,
0.1000

■ 76.9530, -25.6128,
1.7952

■ 87.0970, 2.9102,
-0.0851

■ 75.6280, -29.3966,
2.0802

■ 88.4220, 6.6940,
-0.3701

■ 74.3030, -33.1804,
2.3653

■ 89.7470, 10.4777,
-0.6551

■ 73.2060, -36.0906,
2.4503

■ 90.9580, 13.8247,
-0.8402

■ 92.2830, 17.6085,
-1.1252

■ 93.4940, 20.9555,
-1.3102

Harmonies

Analogous

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



83.7490, -12.6943, 11.6211



82.0250, -11.3513, 0.8551



80.2130, -6.5140, -10.7108

Triad

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



82.0250, -11.3513, 0.8551



78.1520, 12.7431, -27.3203



85.7620, 1.1033, 19.5027

Complementary

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



82.0250, -11.3513, 0.8551



62.9750, 11.3513, -0.8551

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.



85.6020, 7.0982, 9.9960



82.0250, -11.3513, 0.8551



81.5600, 14.0209, -17.1541

Square

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



82.0250, -11.3513, 0.8551



77.1750, 7.8017, -29.0945



84.6650, 11.5042, -3.2142



85.0630, -5.4541, 22.7467

Rectangle

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



82.0250, -11.3513, 0.8551



79.3090, -2.1243, -18.6880



84.6650, 11.5042, -3.2142



85.9080, 3.0034, 16.7437

Sweetspot

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



82.0250, -11.3513, 0.8551



110.5610, -4.2206, 0.3850



68.8340, -4.8482, 15.0546



55.0170, -2.4734, -0.0149



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



82.0250, -11.3513, 0.8551



105.7170, -17.6085, 1.1252



78.1380, -9.4350, -7.1370



42.5440, -1.7472, 0.3999



91.2140, -44.9685, 3.3203



200.4360, -98.8149, 7.5106

Inverse Universe

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



62.9750, 11.3513, -0.8551



75.9840, 17.7559, -1.7400



66.8620, 9.4350, 7.1370



39.4560, 1.7472, -0.3999



15.7860, 44.9685, -3.3203



34.5640, 98.8149, -7.5106

Previews

White Background



This preview shows how the YUV color 82.0250, -11.3513, 0.8551 looks on a white background.

Color Contrast Check

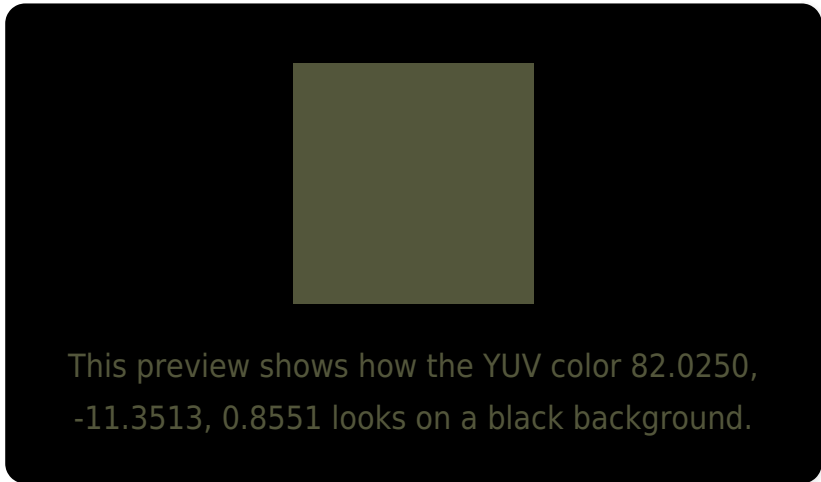
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

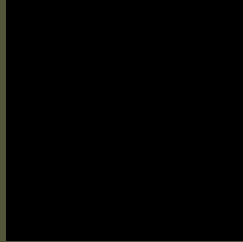
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

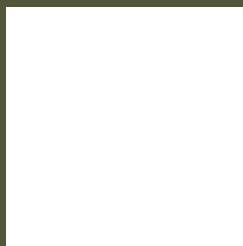
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 82.0250, -11.3513, 0.8551

Background



This preview shows how black text looks on a background with the YUV color 82.0250, -11.3513, 0.8551.



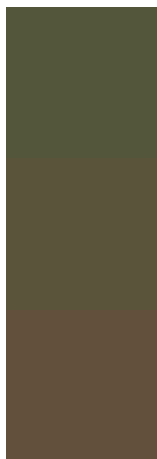
This preview shows how white text looks on a background with the YUV color 82.0250, -11.3513,

0.8551.

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

82.0250, -11.3513, 0.8551

Protanopia

82.8300, -12.2412, 6.2881

Deuteranopia

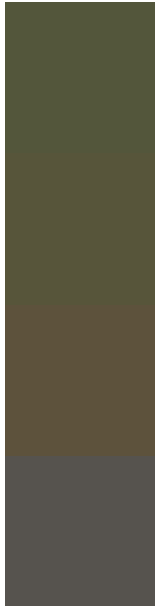
83.4010, -11.5367, 13.6803



Tritanopia

84.2930, 2.3206, 2.3740

Trichromacy



Original Color

82.0250, -11.3513, 0.8551

Protanomaly

82.5200, -12.0884, 3.9290

Deuteranomaly

82.7810, -11.2310, 8.9621

Tritanomaly

83.3270, -2.6262, 2.3442

Monochromacy



Original Color

82.0250, -11.3513, 0.8551

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.6750, -3.7838, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0250, -11.3513, 0.8551 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, 86, 59)` looks like.

```
.text, #text, p{  
    color:rgb(83, 86, 59)  
}
```

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, 86, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 86, 59) }
```

Border

The CSS property to change the border of an element to YUV 82.0250, -11.3513, 0.8551 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, 86, 59) }
```


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

```
.border{ border-color:rgb(83, 86, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 86, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 86, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 86, 59);  
box-shadow:4px 4px 4px 4px rgb(83, 86, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.0250, -11.3513, 0.8551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 86, 59) }
```

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

```
.background{ background-color: rgb(83, 86,  
59) }
```

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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