

Converting Colors

YUV(81.2850, -12.4655,
-15.1589)

Have a look what the booklet for
YUV(81.2850, -12.4655, -15.1589)
contains.

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Color

**YUV(81.2850, -12.4655,
-15.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	405F38
RGB	64, 95, 56
RGB Percent	25%, 37%, 22%
CMY	0.7490, 0.6275, 0.7804
CMYK	0.33, 0.00, 0.41, 0.63
HSL	108°, 26%, 30%
HSV	108°, 41%, 37%
XYZ	6.9204, 9.5599, 5.2219
YIQ	81.2850, -5.9570, -18.7010

Conversions

Conversions Part 2

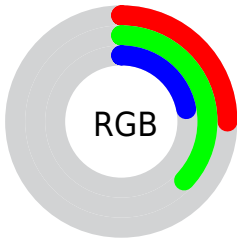
Format	Color
R_{YB}	56, 95, 87
Decimal	4218680
CIE _{Lab}	37.04, -19.84, 18.79
CIE _{LCh}	37, 27.321, 136.561
Yxy	9.5599, 0.3189, 0.4405
Android (android.graphics.Color)	4282408760 (0xFF405F38)
YUV	81.2850, -12.4655, -15.1589
Hunter-Lab	30.9191, -14.1563, 11.6300

Details

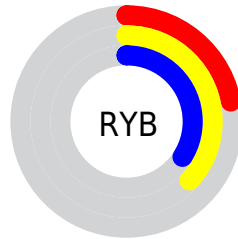
The YUV color **81.2850, -12.4655, -15.1589** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69.7150, 12.4655, 15.1589**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2310, -13.9179, -15.9886**, and **35.0400, -10.8657, -14.9441** is the 20% darker color. If you saturate the color by 10%, you get **77.8670, -15.2174, -19.1774**, and if you desaturate by 10%, it is **84.8170, -9.2768, -11.2405**.

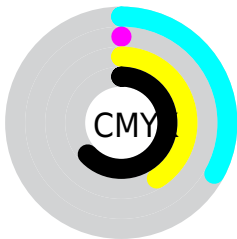
Distribution



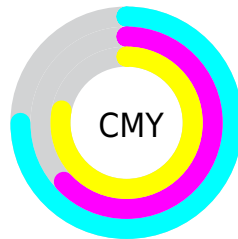
- Red (25%)
- Green (37%)
- Blue (22%)



- Red (22%)
- Yellow (37%)
- Blue (34%)



- Cyan (33%)
- Magenta (0%)
- Yellow (41%)
- Black (63%)



- Cyan (75%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.2850, -12.4655, -15.1589 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 81.2850, -12.4655, -15.1589 by changing the saturation by 10% instead.

81.2850, -12.4655,
-15.1589

81.2850, -12.4655,
-15.1589

255.0000, 0.0000,
0.0000

57.8120, -11.7393,
-14.7441

131.2310,
-13.9179, -15.9886

35.0400, -10.8657,
-14.9441

157.2310,
-13.9179, -15.9886

17.0230, -8.3923,
-14.9292

184.7040,
-14.6441, -16.4034

0.0000, 0.0000,
0.0000

212.2910,
-14.9335, -16.9182

239.5900,
-15.0809, -16.3034

251.5670, -6.6885,

-1.3743

■ 81.2850, -12.4655,
-15.1589

■ 81.2850, -12.4655,
-15.1589

■ 77.8670, -15.2174,
-19.1774

■ 84.8170, -9.2768,
-11.2405

■ 74.6340, -18.5536,
-22.4810

■ 87.9360, -6.3774,
-7.8369

■ 71.2160, -21.3055,
-26.4994

■ 91.4680, -3.1887,
-3.9184

■ 67.9830, -24.6416,
-29.8031

■ 94.5870, -0.2894,
-0.5148

■ 64.4510, -27.8303,
-33.7215

■ 98.1190, 2.8993,
3.4036

■ 61.4460, -30.2929,
-37.2251

■ 101.2380, 5.7987,
6.8073

■ 104.7700, 8.9874,
10.7257

■ 107.8890, 11.8867,
14.1293

■ 111.4210, 15.0754,
18.0478

Harmonies

Analogous

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



84.4570, -19.9453, 3.9842



81.2850, -12.4655, -15.1589



75.7580, 0.1193, -38.3758

Triad

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



81.2850, -12.4655, -15.1589



77.4950, 25.8850, -42.5301



88.3250, -6.0762, 35.6720

Complementary

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



81.2850, -12.4655, -15.1589



69.7150, 12.4655, 15.1589

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.



89.6260, 4.1284, 29.2690



81.2850, -12.4655, -15.1589



86.7270, 20.8406, -11.1616

Square

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



81.2850, -12.4655, -15.1589



70.3910, 23.4712, -61.7329



90.0460, 13.7813, 13.1147



87.4850, -15.5221, 32.0237

Rectangle

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



81.2850, -12.4655, -15.1589



68.4870, 11.0989, -60.0631



90.0460, 13.7813, 13.1147



88.5360, -2.7292, 35.4869

Sweetspot

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



81.2850, -12.4655, -15.1589



117.1150, -4.4937, -5.3629



85.8580, -14.7200, 8.0175



57.9950, -2.4625, -3.5036



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



81.2850, -12.4655, -15.1589



101.1070, -19.2798, -22.8958



80.1470, -6.4815, -21.1769



46.6470, -1.3050, -1.4444



72.6210, -35.8022, -43.5176



155.5310, -76.6768, -93.4277

Inverse Universe

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



69.7150, 12.4655, 15.1589



83.1920, 19.1323, 23.5106



70.8530, 6.4815, 21.1769



45.3530, 1.3050, 1.4444



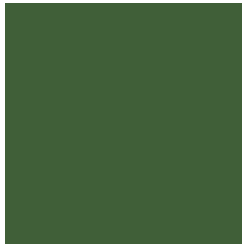
39.3790, 35.8022, 43.5176



84.4690, 76.6768, 93.4277

Previews

White Background



This preview shows how the YUV color 81.2850, -12.4655, -15.1589 looks on a white background.

Color Contrast Check

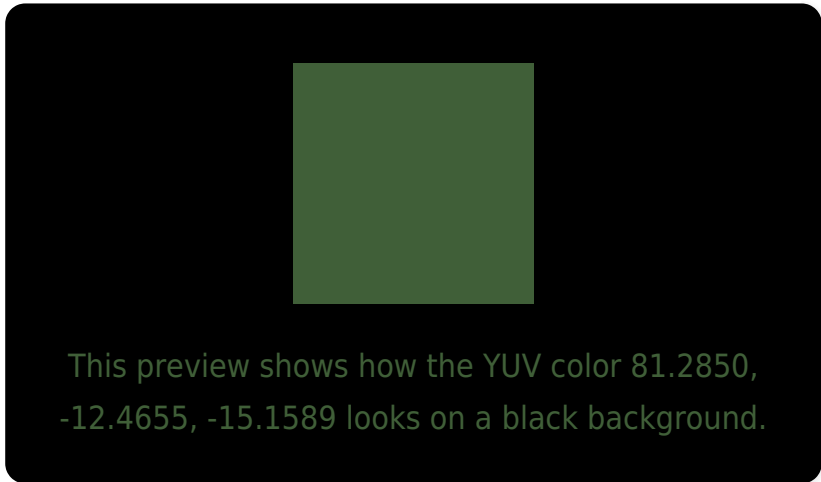
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.2850, -12.4655, -15.1589

Background



This preview shows how black text looks on a background with the YUV color 81.2850, -12.4655, -15.1589.



This preview shows how white text looks on a background with the YUV color 81.2850, -12.4655, -15.1589.

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

81.2850, -12.4655, -15.1589

Protanopia

85.5160, -16.0304, 8.3175

Deuteranopia

86.5430, -13.5787, 15.3098



Tritanopia

85.1170, 5.8583, -12.3806

Trichromacy



Original Color

81.2850, -12.4655, -15.1589

Protanomaly

84.1020, -14.8403, -0.0895

Deuteranomaly

84.2920, -12.9620, 4.1289

Tritanomaly

83.6840, -0.8302, -13.7549

Monochromacy



Original Color

81.2850, -12.4655, -15.1589

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1150, -4.4937, -5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2850, -12.4655, -15.1589 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(64, 95, 56)` looks like.

```
.text, #text, p{  
    color:rgb(64, 95, 56)  
}
```

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(64, 95, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 95, 56) }
```

Border

The CSS property to change the border of an element to YUV 81.2850, -12.4655, -15.1589 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(64, 95, 56) }
```


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

```
.border{ border-color:rgb(64, 95, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 95, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 95, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 95, 56);  
box-shadow:4px 4px 4px 4px rgb(64, 95, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.2850, -12.4655, -15.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 95, 56) }
```

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

```
.background{ background-color: rgb(64, 95,  
56) }
```

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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