

Converting Colors

YUV(75.2850, -12.4655,
-15.1589)

Have a look what the booklet for
YUV(75.2850, -12.4655, -15.1589)
contains.

YUV(75.2850, -12.4655, -15.1589)	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(75.2850, -12.4655,
-15.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5932
RGB	58, 89, 50
RGB Percent	23%, 35%, 20%
CMY	0.7725, 0.6510, 0.8039
CMYK	0.35, 0.00, 0.44, 0.65
HSL	108°, 28%, 27%
HSV	108°, 44%, 35%
XYZ	5.8930, 8.2746, 4.3042
YIQ	75.2850, -5.9570, -18.7010

Conversions

Conversions Part 2

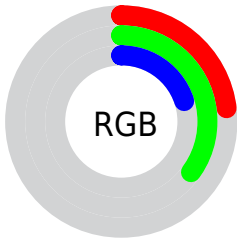
Format	Color
RYB	50, 89, 81
Decimal	3823922
CIELab	34.55, -19.98, 19.02
CIELCh	35, 27.590, 136.414
Yxy	8.2746, 0.3190, 0.4480
Android (android.graphics.Color)	4282014002 (0xFF3A5932)
YUV	75.2850, -12.4655, -15.1589
Hunter-Lab	28.7656, -13.7716, 11.2644

Details

The YUV color **75.2850, -12.4655, -15.1589** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **63.7150, 12.4655, 15.1589**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.6440, -13.6285, -15.4738**, and **29.5840, -12.6129, -14.5442** is the 20% darker color. If you saturate the color by 10%, you get **72.1660, -15.3648, -18.5626**, and if you desaturate by 10%, it is **78.4040, -9.5662, -11.7553**.

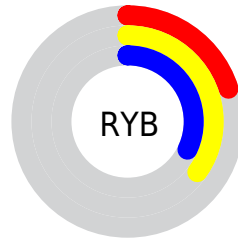
Distribution



Red (23%)

Green (35%)

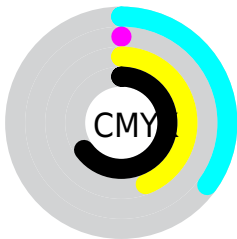
Blue (20%)



Red (20%)

Yellow (35%)

Blue (32%)

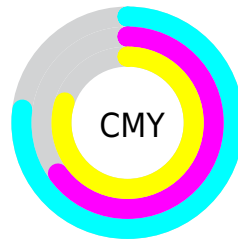


Cyan (35%)

Magenta (0%)

Yellow (44%)

Black (65%)



Cyan (77%)

Magenta (65%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.2850, -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 75.2850, -12.4655, -15.1589 by changing the saturation by 10% instead.

■ 75.2850, -12.4655,
-15.1589

■ 75.2850, -12.4655,
-15.1589

255.0000, 0.0000,
0.0000

■ 51.8120, -11.7393,
-14.7441

■ 124.6440,
-13.6285, -15.4738

■ 29.5840, -12.6129,
-14.5442

■ 150.8180,
-14.2073, -16.5034

■ 14.6750, -7.2348,
-12.8700

■ 177.7040,
-14.6441, -16.4034

■ 0.0000, 0.0000,
0.0000

■ 205.1770,
-15.3703, -16.8182

■ 233.1770,
-15.3703, -16.8182

■ 248.2630, -9.0037,

-5.4927

■ 75.2850, -12.4655,
-15.1589

■ 75.2850, -12.4655,
-15.1589

■ 72.1660, -15.3648,
-18.5626

■ 78.4040, -9.5662,
-11.7553

■ 69.0470, -18.2642,
-21.9662

■ 81.5230, -6.6668,
-8.3517

■ 65.9280, -21.1635,
-25.3699

■ 84.6420, -3.7675,
-4.9480

■ 62.8090, -24.0628,
-28.7735

■ 87.7610, -0.8682,
-1.5444

■ 59.8040, -26.5254,
-32.2771

■ 90.8800, 2.0312,
1.8592

■ 57.6250, -28.4091,
-34.7511

■ 93.8850, 4.4937,
5.3629

■ 97.3030, 7.2456,
9.3813

■ 100.4220, 10.1450,
12.7849

■ 103.5410, 13.0443,
16.1885

Harmonies

Analogous

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



78.4570, -19.9453, 3.9842



75.2850, -12.4655, -15.1589



69.1600, 0.4141, -39.6053

Triad

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



75.2850, -12.4655, -15.1589



69.4020, 26.9168, -46.8336



82.3250, -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.



75.2850, -12.4655, -15.1589



63.7150, 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.



83.0390, 4.4178, 29.7838



75.2850, -12.4655, -15.1589



80.4280, 20.9880, -11.7764

Square

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



75.2850, -12.4655, -15.1589



66.1850, 22.5868, -58.0442



83.7470, 13.9287, 12.4999



81.4850, -15.5221, 32.0237

Rectangle

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



75.2850, -12.4655, -15.1589



64.2810, 10.2145, -56.3744



83.7470, 13.9287, 12.4999



82.2370, -2.5818, 34.8722

Sweetspot

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



75.2850, -12.4655, -15.1589



109.7020, -4.7831, -5.8777



79.8580, -14.7200, 8.0175



55.4680, -3.1887, -3.9184



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



75.2850, -12.4655, -15.1589



93.3950, -19.4217, -24.0254



74.1470, -6.4815, -21.1769



41.6470, -1.3050, -1.4444



69.3870, -34.2078, -41.5584



152.2970, -75.0824, -91.4685

Inverse Universe

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



63.7150, 12.4655, 15.1589



75.3060, 19.5691, 23.4106



64.8530, 6.4815, 21.1769



40.3530, 1.3050, 1.4444



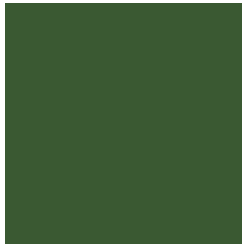
37.6130, 34.2078, 41.5584



82.4040, 75.2298, 90.8537

Previews

White Background



This preview shows how the YUV color 75.2850, -12.4655, -15.1589 looks on a white background.

Color Contrast Check

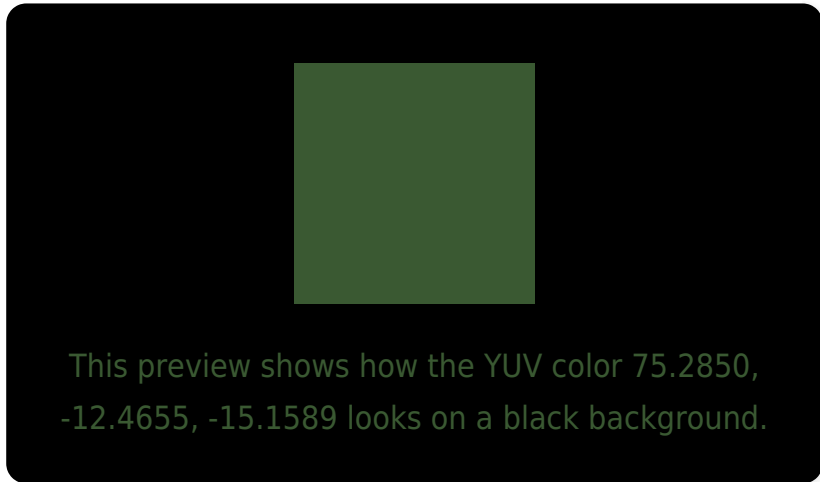
Large Text (above 18pt) WCAG AA ✓ Pass

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

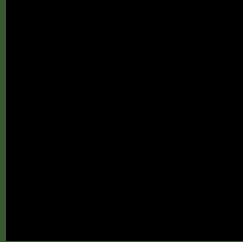
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.2850, -12.4655, -15.1589

Background



This preview shows how black text looks on a background with the YUV color 75.2850, -12.4655, -15.1589.

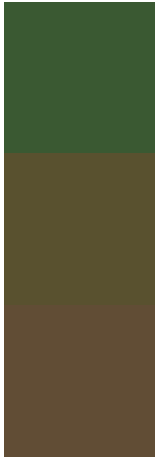


This preview shows how white text looks on a background with the YUV color 75.2850, -12.4655, -15.1589.

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

75.2850, -12.4655, -15.1589

Protanopia

79.5160, -16.0304, 8.3175

Deuteranopia

80.2440, -13.4313, 14.6950



Tritanopia

79.1170, 5.8583, -12.3806

Trichromacy



Original Color

75.2850, -12.4655, -15.1589

Protanomaly

78.1020, -14.8403, -0.0895

Deuteranomaly

78.2920, -12.9620, 4.1289

Tritanomaly

77.6840, -0.8302, -13.7549

Monochromacy



Original Color

75.2850, -12.4655, -15.1589

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1150, -4.4937, -5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2850, -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(58, 89, 50)` looks like.

```
.text, #text, p{  
    color:rgb(58, 89, 50)  
}
```

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(58, 89, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 89, 50) }
```

Border

The CSS property to change the border of an element to YUV 75.2850, -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(58, 89, 50) }
```


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

```
.border{ border-color:rgb(58, 89, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 89, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 89, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 89, 50);  
box-shadow:4px 4px 4px 4px rgb(58, 89, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.2850, -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(58, 89, 50) }
```

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

```
.background{ background-color: rgb(58, 89,  
50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor