

Converting Colors

YUV(73.2850, -9.0145, -2.0039)

Have a look what the booklet for
YUV(73.2850, -9.0145, -2.0039)
contains.

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Color

**YUV(73.2850, -9.0145,
-2.0039)**

Conversions

Conversions Part 1

Format	Color
Hex	474E37
RGB	71, 78, 55
RGB Percent	28%, 31%, 22%
CMY	0.7216, 0.6941, 0.7843
CMYK	0.09, 0.00, 0.29, 0.69
HSL	78°, 17%, 26%
HSV	78°, 29%, 31%
XYZ	6.0125, 7.0642, 4.6611
YIQ	73.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

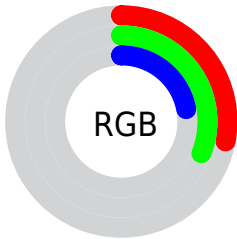
Format	Color
R_{YB}	55, 78, 62
Decimal	4673079
CIE _{Lab}	31.95, -7.47, 12.71
CIE _{LCh}	32, 14.745, 120.430
Yxy	7.0642, 0.3390, 0.3983
Android (android.graphics.Color)	4282863159 (0xFF474E37)
YUV	73.2850, -9.0145, -2.0039
Hunter-Lab	26.5786, -6.1329, 8.2074

Details

The YUV color **73.2850, -9.0145, -2.0039** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.7150, 9.0145, 2.0039**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.0570, -9.8881, -1.8040**, and **29.6980, -8.7251, -1.4891** is the 20% darker color. If you saturate the color by 10%, you get **71.7750, -12.2141, -2.4337**, and if you desaturate by 10%, it is **74.7950, -5.8149, -1.5742**.

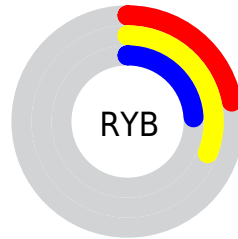
Distribution



Red (28%)

Green (31%)

Blue (22%)



Red (22%)

Yellow (31%)

Blue (24%)

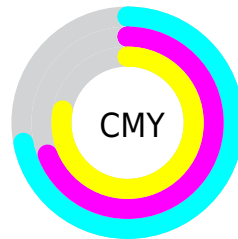


Cyan (9%)

Magenta (0%)

Yellow (29%)

Black (69%)



Cyan (72%)

Magenta (69%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2850, -9.0145, -2.0039 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 73.2850, -9.0145, -2.0039 by changing the saturation by 10% instead.

■ 73.2850, -9.0145,
-2.0039

■ 73.2850, -9.0145,
-2.0039

■ 255.0000, 0.0000,
0.0000

■ 50.3990, -8.5777,
-2.1039

■ 122.0570, -9.8881,
-1.8040

■ 29.6980, -8.7251,
-1.4891

■ 147.6440,
-10.1775, -2.3188

■ 7.0440, -3.4727,
-6.1776

■ 174.5300,
-10.6143, -2.2188

■ 0.0000, 0.0000,
0.0000

■ 201.5300,
-10.6143, -2.2188

■ 229.7150,
-11.1985, -1.5041

■ 252.8340, -8.2992,

1.8996

■ 73.2850, -9.0145,
-2.0039

■ 73.2850, -9.0145,
-2.0039

■ 71.7750, -12.2141,
-2.4337

■ 74.7950, -5.8149,
-1.5742

■ 69.9660, -15.2662,
-3.4782

■ 76.6040, -2.7628,
-0.5297

■ 68.5700, -18.0290,
-4.0079

■ 78.0000, 0.0000,
0.0000

■ 67.0600, -21.2286,
-4.4376

■ 79.5100, 3.1996,
0.4297

■ 65.2510, -24.2807,
-5.4821

■ 81.3190, 6.2517,
1.4742

■ 63.7410, -27.4803,
-5.9119

■ 82.8290, 9.4513,
1.9040

■ 61.9320, -30.5325,
-6.9564

■ 84.6380, 12.5035,
2.9485

■ 86.0340, 15.2662,
3.4782

■ 87.5440, 18.4658,
3.9079

Harmonies

Analogous

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



74.1830, -10.9362, 7.7325



73.2850, -9.0145, -2.0039



72.0710, -4.4720, -12.3403

Triad

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



73.2850, -9.0145, -2.0039



70.9570, 11.8532, -21.8873



76.8820, -0.9278, 17.6435

Complementary

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



73.2850, -9.0145, -2.0039



59.7150, 9.0145, 2.0039

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.



77.3310, 4.7668, 11.1107



73.2850, -9.0145, -2.0039



74.0230, 11.8207, -11.4212

Square

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



73.2850, -9.0145, -2.0039



69.3110, 8.2277, -25.7057



76.1170, 9.3093, 0.7744



76.5140, -6.1694, 18.8432

Rectangle

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



73.2850, -9.0145, -2.0039



70.2920, 0.3490, -18.6731



76.1170, 9.3093, 0.7744



77.0390, 0.9668, 16.6288

Sweetspot

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



73.2850, -9.0145, -2.0039



100.0770, -3.4890, -0.9445



65.9860, -5.4161, 10.5363



49.7180, -2.3260, -0.6297



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



73.2850, -9.0145, -2.0039



94.6070, -14.1033, -3.1633



69.9960, -7.3930, -8.7665



37.2450, -1.5998, -0.2149



81.1030, -39.9838, -8.8603



182.8500, -90.1450, -20.0394

Inverse Universe

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



59.7150, 9.0145, 2.0039



73.3930, 14.1033, 3.1633



63.0040, 7.3930, 8.7665



35.0540, 1.4524, 0.8296



20.8970, 39.9838, 8.8603



47.1500, 90.1450, 20.0394

Previews

White Background



This preview shows how the YUV color 73.2850, -9.0145, -2.0039 looks on a white background.

Color Contrast Check

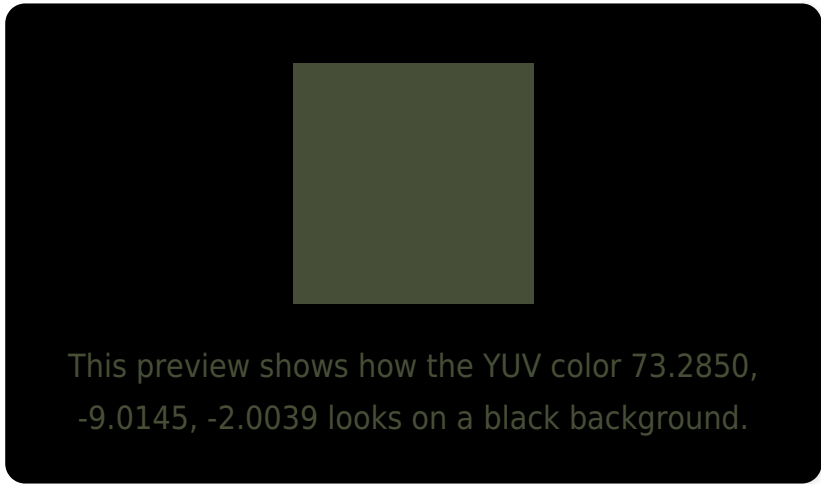
Large Text (above 18pt) WCAG AA ✓ Pass

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

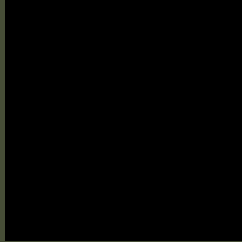
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2850, -9.0145, -2.0039

Background



This preview shows how black text looks on a background with the YUV color 73.2850, -9.0145, -2.0039.



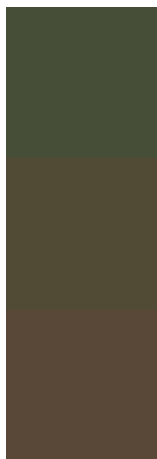
This preview shows how white text looks on a background with the YUV color 73.2850, -9.0145,

-2.0039.

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

73.2850, -9.0145, -2.0039

Protanopia

74.4000, -10.0572, 5.7882

Deuteranopia

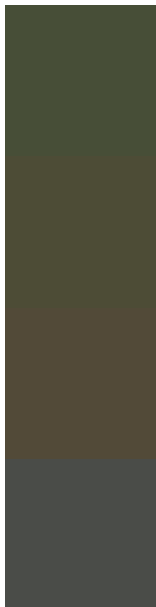
75.2590, -9.4947, 12.0509



Tritanopia

75.6840, 2.6208, -0.5999

Trichromacy



Original Color

73.2850, -9.0145, -2.0039

Protanomaly

73.7910, -9.7570, 2.8143

Deuteranomaly

74.3400, -9.0416, 6.7178

Tritanomaly

74.9460, -1.4524, -0.8296

Monochromacy



Original Color

73.2850, -9.0145, -2.0039

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0770, -3.4890, -0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2850, -9.0145, -2.0039 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(71, 78, 55)` looks like.

```
.text, #text, p{  
    color:rgb(71, 78, 55)  
}
```

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(71, 78, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 78, 55) }
```

Border

The CSS property to change the border of an element to YUV 73.2850, -9.0145, -2.0039 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(71, 78, 55) }
```


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

```
.border{ border-color:rgb(71, 78, 55) }
```

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

Here you see how a box with a 4 pixel rgb(71, 78, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 78, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 78, 55);  
box-shadow:4px 4px 4px 4px rgb(71, 78, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.2850, -9.0145, -2.0039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 78, 55) }
```

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

```
.background{ background-color: rgb(71, 78,  
55) }
```

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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