

Converting Colors

YUV(74.3630, -17.4340, -8.2114)

Have a look what the booklet for
YUV(74.3630, -17.4340, -8.2114)
contains.

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Color

**YUV(74.3630, -17.4340,
-8.2114)**

Conversions

Conversions Part 1

Format	Color
Hex	415627
RGB	65, 86, 39
RGB Percent	25%, 34%, 15%
CMY	0.7451, 0.6627, 0.8471
CMYK	0.24, 0.00, 0.55, 0.66
HSL	87°, 38%, 25%
HSV	87°, 55%, 34%
XYZ	5.8740, 7.9259, 3.1397
YIQ	74.3630, 2.5710, -19.0690

Conversions

Conversions Part 2

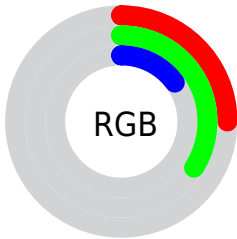
Format	Color
RYB	39, 86, 60
Decimal	4281895
CIELab	33.83, -17.09, 24.58
CIELCh	34, 29.940, 124.816
Yxy	7.9259, 0.3468, 0.4679
Android (android.graphics.Color)	4282471975 (0xFF415627)
YUV	74.3630, -17.4340, -8.2114
Hunter-Lab	28.1529, -12.0245, 13.0948

Details

The YUV color **74.3630, -17.4340, -8.2114** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50.6370, 17.4340, 8.2114**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6080, -19.0337, -8.4262**, and **30.0580, -14.8186, -7.0669** is the 20% darker color. If you saturate the color by 10%, you get **72.1410, -20.7755, -9.7707**, and if you desaturate by 10%, it is **76.5850, -14.0924, -6.6520**.

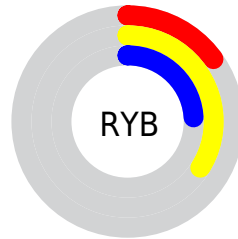
Distribution



Red (25%)

Green (34%)

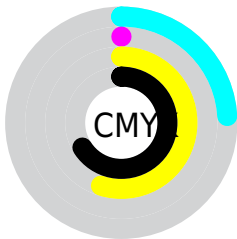
Blue (15%)



Red (15%)

Yellow (34%)

Blue (24%)

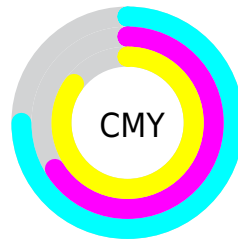


Cyan (24%)

Magenta (0%)

Yellow (55%)

Black (66%)



Cyan (75%)

Magenta (66%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.3630, -17.4340, -8.2114 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 74.3630, -17.4340, -8.2114 by changing the saturation by 10% instead.

■ 74.3630, -17.4340,
-8.2114

■ 74.3630, -17.4340,
-8.2114

255.0000, 0.0000,
0.0000

■ 51.4770, -16.9972,
-8.3113

■ 123.6080,
-19.0337, -8.4262

■ 30.0580, -14.8186,
-7.0669

■ 149.4940,
-19.4705, -8.3262

■ 12.9140, -6.3666,
-11.3256

■ 176.3800,
-19.9073, -8.2263

■ 0.0000, 0.0000,
0.0000

■ 203.8530,
-20.6335, -8.6411

■ 232.3260,
-21.3597, -9.0559

■ 249.4720,

-16.0087, 1.3401

253.9740, -3.9312,
0.8998

74.3630, -17.4340,
-8.2114

74.3630, -17.4340,
-8.2114

72.1410, -20.7755,
-9.7707

76.5850, -14.0924,
-6.6520

70.0330, -23.6803,
-11.4299

78.6930, -11.1876,
-4.9928

67.8110, -27.0218,
-12.9892

80.9150, -7.8461,
-3.4335

66.0020, -30.0740,
-14.0338

82.7240, -4.7939,
-2.3889

64.8340, -31.9632,
-14.7634

84.9460, -1.4524,
-0.8296

■ 87.1680, 1.8892,
0.7297

■ 89.2760, 4.7939,
2.3889

■ 91.4980, 8.1355,
3.9483

■ 93.6060, 11.0402,
5.6075

Harmonies

Analogous

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



77.2900, -23.3140, 11.1467



74.3630, -17.4340, -8.2114



69.0100, -5.4279, -32.4578

Triad

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



74.3630, -17.4340, -8.2114



64.9770, 28.1123, -56.9848



80.1880, -1.5717, 37.5461

Complementary

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



74.3630, -17.4340, -8.2114



50.6370, 17.4340, 8.2114

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.



81.8690, 8.9386, 26.4249



74.3630, -17.4340, -8.2114



75.4800, 25.3994, -26.7310

Square

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



74.3630, -17.4340, -8.2114



65.5010, 19.9660, -57.4444



81.5440, 18.4658, 3.9079



79.6150, -12.6282, 37.1716

Rectangle

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



74.3630, -17.4340, -8.2114



61.8530, 5.9885, -54.2451



81.5440, 18.4658, 3.9079



81.0890, 1.9281, 35.0019

Sweetspot

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



74.3630, -17.4340, -8.2114



107.5560, -6.6831, -3.1186



64.7930, -12.7159, 18.5985



53.2510, -4.0677, -1.9741



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.



74.3630, -17.4340, -8.2114



93.6970, -27.4586, -12.8893



67.4860, -14.0436, -22.3512



41.9460, -1.4524, -0.8296



80.4500, -39.6618, -18.8116



176.8150, -87.1698, -41.0568

Inverse Universe

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



50.6370, 17.4340, 8.2114



56.3030, 27.4586, 12.8893



57.5140, 14.0436, 22.3512



40.0540, 1.4524, 0.8296



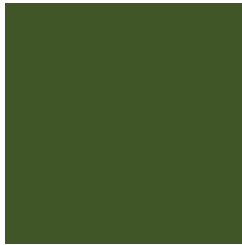
26.5500, 39.6619, 18.8117



58.1850, 87.1698, 41.0568

Previews

White Background



This preview shows how the YUV color 74.3630, -17.4340, -8.2114 looks on a white background.

Color Contrast Check

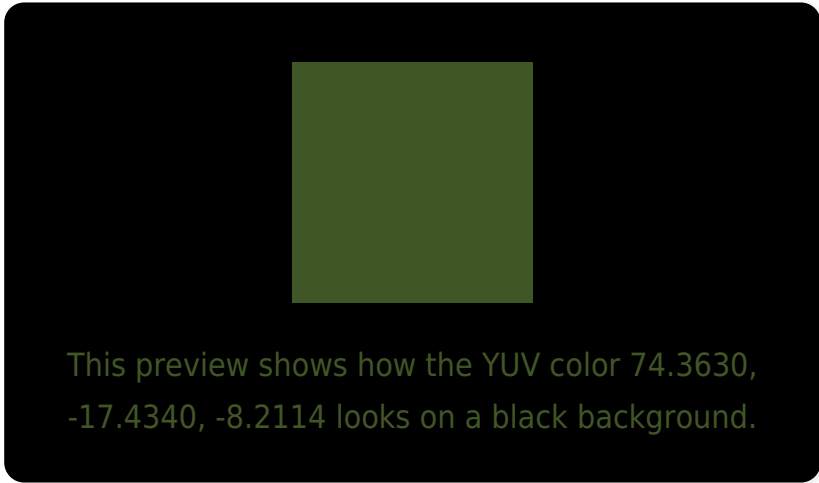
Large Text (above 18pt) WCAG AA ✓ Pass

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

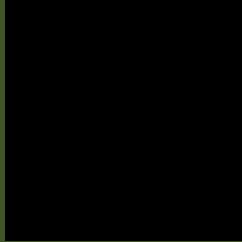
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.3630, -17.4340, -8.2114

Background



This preview shows how black text looks on a background with the YUV color 74.3630, -17.4340, -8.2114.



This preview shows how white text looks on a background with the YUV color 74.3630, -17.4340,

-8.2114.

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

74.3630, -17.4340, -8.2114

Protanopia

76.9030, -19.6722, 9.7321

Deuteranopia

78.4030, -17.9467, 16.3096



Tritanopia

78.9930, 3.9475, -6.1329

Trichromacy



Original Color

74.3630, -17.4340, -8.2114

Protanomaly

76.3860, -18.9243, 3.1695

Deuteranomaly

77.0490, -17.7722, 6.9730

Tritanomaly

77.3320, -3.6147, -7.3072

Monochromacy



Original Color

74.3630, -17.4340, -8.2114

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9690, -6.3937, -2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.3630, -17.4340, -8.2114 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(65, 86, 39)` looks like.

```
.text, #text, p{  
    color:rgb(65, 86, 39)  
}
```

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(65, 86, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 86, 39) }
```

Border

The CSS property to change the border of an element to YUV 74.3630, -17.4340, -8.2114 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(65, 86, 39) }
```


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

```
.border{ border-color:rgb(65, 86, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 86, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 86, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 86, 39);  
box-shadow:4px 4px 4px 4px rgb(65, 86, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.3630, -17.4340, -8.2114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 86, 39) }
```

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

```
.background{ background-color: rgb(65, 86,  
39) }
```

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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