

Converting Colors

YUV(74.4280, 0.7750, -15.2844)

Have a look what the booklet for
YUV(74.4280, 0.7750, -15.2844)
contains.

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Color

**YUV(74.4280, 0.7750,
-15.2844)**

Conversions

Conversions Part 1

Format	Color
Hex	39534C
RGB	57, 83, 76
RGB Percent	22%, 33%, 30%
CMY	0.7765, 0.6745, 0.7020
CMYK	0.31, 0.00, 0.08, 0.67
HSL	164°, 19%, 27%
HSV	164°, 31%, 33%
XYZ	6.0851, 7.5782, 7.9795
YIQ	74.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

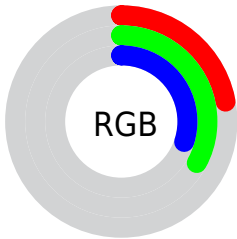
Format	Color
RYB	57, 72, 83
Decimal	3756876
CIELab	33.09, -11.57, 0.94
CIELCh	33, 11.603, 175.354
Yxy	7.5782, 0.2812, 0.3501
Android (android.graphics.Color)	4281946956 (0xFF39534C)
YUV	74.4280, 0.7750, -15.2844
Hunter-Lab	27.5285, -8.7178, 2.0840

Details

The YUV color **74.4280, 0.7750, -15.2844** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65.5720, -0.7750, 15.2844**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7160, 0.6330, -16.4139**, and **29.8410, 1.0644, -14.7696** is the 20% darker color. If you saturate the color by 10%, you get **71.8080, 1.0807, -20.0026**, and if you desaturate by 10%, it is **77.0480, 0.4693, -10.5661**.

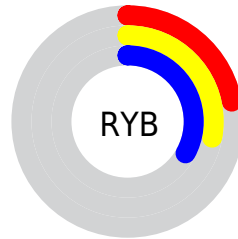
Distribution



Red (22%)

Green (33%)

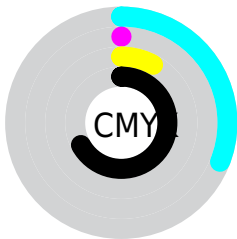
Blue (30%)



Red (22%)

Yellow (28%)

Blue (33%)

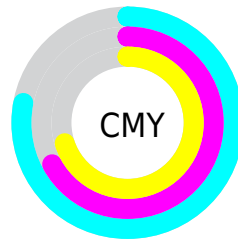


Cyan (31%)

Magenta (0%)

Yellow (8%)

Black (67%)



Cyan (78%)

Magenta (67%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4280, 0.7750, -15.2844 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 74.4280, 0.7750, -15.2844 by changing the saturation by 10% instead.

■ 74.4280, 0.7750,
-15.2844

■ 74.4280, 0.7750,
-15.2844

■ 255.0000, 0.0000,
0.0000

■ 51.7270, 0.6276,
-14.6696

■ 123.7160, 0.6330,
-16.4139

■ 29.8410, 1.0644,
-14.7696

■ 149.4170, 0.7804,
-17.0287

■ 11.4780, -1.7147,
-10.0662

■ 176.3030, 0.3436,
-16.9287

■ 0.0000, 0.0000,
0.0000

■ 203.4170, 0.7804,
-17.0287

■ 231.7050, 0.6384,
-18.1583

■ 250.5150, 2.2111,

-9.2217

■ 74.4280, 0.7750,
-15.2844

■ 74.4280, 0.7750,
-15.2844

■ 71.8080, 1.0807,
-20.0026

■ 77.0480, 0.4693,
-10.5661

■ 68.8890, 1.5337,
-25.3357

■ 79.9670, 0.0163,
-5.2331

■ 66.1550, 1.4026,
-29.9539

■ 82.7010, 0.1474,
-0.6148

■ 63.5350, 1.7082,
-34.6722

■ 85.3210, -0.1583,
4.1035

■ 60.6160, 2.1613,
-40.0052

■ 87.9410, -0.4639,
8.8217

■ 57.9960, 2.4670,
-44.7235

■ 90.8600, -0.9170,
14.1548

■ 55.6750, 2.6252,
-48.8270

■ 93.5940, -0.7858,
18.7731

■ 96.2140, -1.0915,
23.4913

■ 99.1330, -1.5446,
28.8244

Harmonies

Analogous

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



75.5060, -4.1935, -8.3368



74.4280, 0.7750, -15.2844



74.2580, 5.2958, -18.6433

Triad

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



74.4280, 0.7750, -15.2844



78.6500, 7.5675, -0.5701



78.7260, -7.7529, 13.3953

Complementary

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



74.4280, 0.7750, -15.2844



65.5720, -0.7750, 15.2844

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.



79.2470, -4.5588, 15.5694



74.4280, 0.7750, -15.2844



79.1950, 4.3409, 7.7220

Square

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



74.4280, 0.7750, -15.2844



76.7520, 9.4893, -10.3065



79.2020, 0.3934, 13.8548



77.7530, -8.7522, 7.2326

Rectangle

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



74.4280, 0.7750, -15.2844



74.5400, 7.6218, -18.0136



79.2020, 0.3934, 13.8548



78.6660, -6.7373, 14.3249

Sweetspot

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



74.4280, 0.7750, -15.2844



103.7820, 0.6005, -5.9478



74.3550, -8.5560, -9.0813



51.9780, 0.0108, -3.4887



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



74.4280, 0.7750, -15.2844



93.4870, 1.2389, -24.1061



71.7040, 5.5689, -12.8954



39.6900, 0.1528, -2.3591



70.2990, 2.8106, -61.6522



155.5640, 7.1169, -136.4296

Inverse Universe

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



65.5720, -0.7750, 15.2844



79.5130, -1.2389, 24.1061



68.2960, -5.5689, 12.8954



38.3100, -0.1528, 2.3591



34.5870, -3.2474, 61.7522



76.4360, -7.1169, 136.4296

Previews

White Background



This preview shows how the YUV color 74.4280, 0.7750, -15.2844 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



This preview shows how the YUV color 74.4280, 0.7750, -15.2844 looks on a 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 74.4280, 0.7750, -15.2844

Background



This preview shows how black text looks on a background with the YUV color 74.4280, 0.7750, -15.2844.



This preview shows how white text looks on a background with the YUV color 74.4280, 0.7750, -15.2844.

-15.2844.

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

74.4280, 0.7750, -15.2844

Protanopia

77.4410, -2.1894, 2.2442

Deuteranopia

78.3320, -0.1637, 5.8478



Tritanopia

75.5190, 6.1531, -13.6102

Trichromacy



Original Color

74.4280, 0.7750, -15.2844

Protanomaly

76.3370, -1.1521, -3.8035

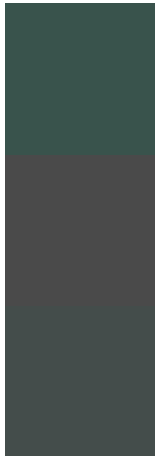
Deuteranomaly

76.9890, 0.0054, -1.7444

Tritanomaly

75.3510, 4.2640, -14.3398

Monochromacy



Original Color

74.4280, 0.7750, -15.2844

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0810, 0.4531, -5.3330

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4280, 0.7750, -15.2844 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(57, 83, 76)` looks like.

```
.text, #text, p{  
    color:rgb(57, 83, 76)  
}
```

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(57, 83, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 83, 76) }
```

Border

The CSS property to change the border of an element to YUV 74.4280, 0.7750, -15.2844 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(57, 83, 76) }
```


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

```
.border{ border-color:rgb(57, 83, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 83, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 83, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 83, 76);  
box-shadow:4px 4px 4px 4px rgb(57, 83, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.4280, 0.7750, -15.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 83, 76) }
```

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

```
.background{ background-color: rgb(57, 83,  
76) }
```

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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