

Converting Colors

YUV(79.4270, -14.5075,
-13.5295)

Have a look what the booklet for
YUV(79.4270, -14.5075, -13.5295)
contains.

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Color

**YUV(79.4270, -14.5075,
-13.5295)**

Conversions

Conversions Part 1

Format	Color
Hex	405D32
RGB	64, 93, 50
RGB Percent	25%, 36%, 20%
CMY	0.7490, 0.6353, 0.8039
CMYK	0.31, 0.00, 0.46, 0.64
HSL	100°, 30%, 28%
HSV	100°, 46%, 36%
XYZ	6.6044, 9.1490, 4.4355
YIQ	79.4270, -3.4810, -19.5210

Conversions

Conversions Part 2

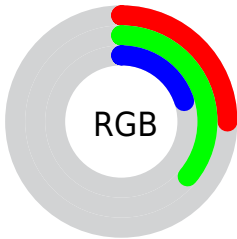
Format	Color
RYB	50, 93, 79
Decimal	4218162
CIELab	36.27, -19.74, 21.30
CIELCh	36, 29.044, 132.820
Yxy	9.1490, 0.3271, 0.4532
Android (android.graphics.Color)	4282408242 (0xFF405D32)
YUV	79.4270, -14.5075, -13.5295
Hunter-Lab	30.2473, -13.9577, 12.4788

Details

The YUV color **79.4270, -14.5075, -13.5295** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **63.5730, 14.5075, 13.5295**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.3730, -15.9599, -14.3591**, and **33.7260, -14.6549, -12.9147** is the 20% darker color. If you saturate the color by 10%, you get **76.6070, -17.5543, -16.3183**, and if you desaturate by 10%, it is **82.2470, -11.4608, -10.7406**.

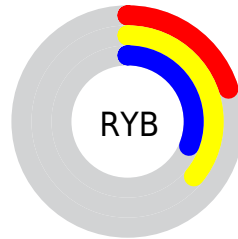
Distribution



Red (25%)

Green (36%)

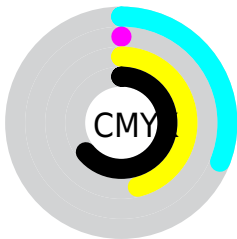
Blue (20%)



Red (20%)

Yellow (36%)

Blue (31%)

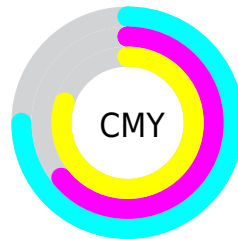


Cyan (31%)

Magenta (0%)

Yellow (46%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4270, -14.5075, -13.5295 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 79.4270, -14.5075, -13.5295 by changing the saturation by 10% instead.

■ 79.4270, -14.5075,
-13.5295

■ 79.4270, -14.5075,
-13.5295

■ 255.0000, 0.0000,
0.0000

■ 55.9540, -13.7813,
-13.1147

■ 129.3730,
-15.9599, -14.3591

■ 33.7260, -14.6549,
-12.9147

■ 155.2590,
-16.3967, -14.2591

■ 16.4360, -8.1029,
-14.4144

■ 182.1450,
-16.8335, -14.1592

■ 0.0000, 0.0000,
0.0000

■ 209.7320,
-17.1229, -14.6740

■ 238.2050,
-17.8491, -15.0888

■ 250.7690, -9.7461,

-0.6744

■ 79.4270, -14.5075,
-13.5295

■ 79.4270, -14.5075,
-13.5295

■ 76.6070, -17.5543,
-16.3183

■ 82.2470, -11.4608,
-10.7406

■ 73.3740, -20.8904,
-19.6220

■ 85.4800, -8.1246,
-7.4370

■ 70.5540, -23.9371,
-22.4109

■ 88.3000, -5.0779,
-4.6481

■ 67.7340, -26.9839,
-25.1997

■ 91.1200, -2.0312,
-1.8592

■ 64.8000, -30.4674,
-27.8886

■ 94.0540, 1.4524,
0.8296

■ 63.5610, -31.3356,
-29.4330

■ 97.1730, 4.3517,
4.2333

■ 99.9930, 7.3985,
7.0221

■ 102.8130, 10.4452,
9.8110

■ 105.7470, 13.9287,
12.4999

Harmonies

Analogous

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



82.3110, -21.8453, 6.7433



79.4270, -14.5075, -13.5295



73.1170, -1.0437, -38.6906

Triad

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



79.4270, -14.5075, -13.5295



68.7100, 29.7230, -60.2587



86.2760, -5.0661, 38.3459

Complementary

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



79.4270, -14.5075, -13.5295



63.5730, 14.5075, 13.5295

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.



87.7940, 6.0176, 29.9987



79.4270, -14.5075, -13.5295



83.6770, 23.3302, -16.3797

Square

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



79.4270, -14.5075, -13.5295



69.5760, 22.8870, -61.0182



87.6050, 15.9707, 10.8704



85.3220, -14.9487, 34.7976

Rectangle

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



79.4270, -14.5075, -13.5295



66.8570, 9.9305, -58.6336



87.6050, 15.9707, 10.8704



86.5900, -1.2769, 36.3166

Sweetspot

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



79.4270, -14.5075, -13.5295



114.7730, -5.8041, -5.0629



79.8800, -14.7308, 11.5062



57.7670, -3.3361, -3.3037



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.



79.4270, -14.5075, -13.5295



99.0210, -22.1954, -21.0664



76.0390, -9.3862, -22.8362



44.5330, -1.7418, -1.3444



75.3340, -37.1397, -34.4959



162.1420, -79.9360, -74.6695

Inverse Universe

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



63.5730, 14.5075, 13.5295



74.6800, 22.3428, 20.4516



66.9610, 9.3862, 22.8362



42.4670, 1.7418, 1.3444



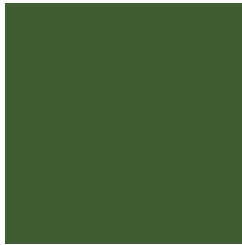
34.6660, 37.1397, 34.4959



74.8580, 79.9360, 74.6695

Previews

White Background



This preview shows how the YUV color 79.4270, -14.5075, -13.5295 looks on a white background.

Color Contrast Check

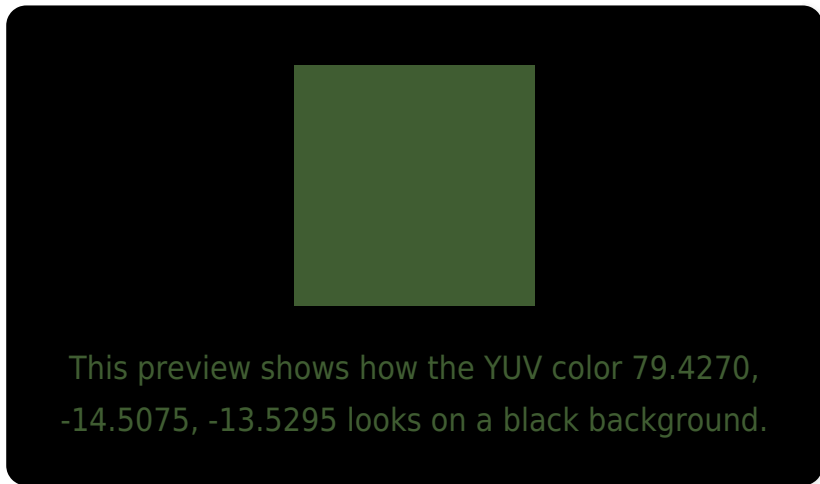
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.4270, -14.5075, -13.5295

Background



This preview shows how black text looks on a background with the YUV color 79.4270, -14.5075, -13.5295.



This preview shows how white text looks on a background with the YUV color 79.4270, -14.5075,

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

79.4270, -14.5075, -13.5295

Protanopia

83.3590, -17.9250, 9.3322

Deuteranopia

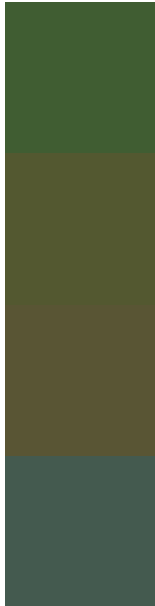
84.3860, -15.4733, 16.3245



Tritanopia

83.7150, 5.5635, -11.1511

Trichromacy



Original Color

79.4270, -14.5075, -13.5295

Protanomaly

81.9450, -16.7349, 0.9252

Deuteranomaly

82.4340, -15.0040, 5.7584

Tritanomaly

82.1680, -1.5618, -12.4253

Monochromacy



Original Color

79.4270, -14.5075, -13.5295

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1860, -5.5147, -4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4270, -14.5075, -13.5295 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, 93, 50)` looks like.

```
.text, #text, p{  
    color:rgb(64, 93, 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(64, 93, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 93, 50) }
```

Border

The CSS property to change the border of an element to YUV 79.4270, -14.5075, -13.5295 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, 93, 50) }
```


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

```
.border{ border-color:rgb(64, 93, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 93, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 93, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 93, 50);  
box-shadow:4px 4px 4px 4px rgb(64, 93, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.4270, -14.5075, -13.5295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 93, 50) }
```

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

```
.background{ background-color: rgb(64, 93,  
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](#).

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