

Converting Colors

YUV(74.4230, 1.7635, -5.6330)

Have a look what the booklet for
YUV(74.4230, 1.7635, -5.6330)
contains.

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Color

**YUV(74.4230, 1.7635,
-5.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	444D4E
RGB	68, 77, 78
RGB Percent	27%, 30%, 31%
CMY	0.7333, 0.6980, 0.6941
CMYK	0.13, 0.01, 0.00, 0.69
HSL	186°, 7%, 29%
HSV	186°, 13%, 31%
XYZ	6.4129, 7.0868, 8.2376
YIQ	74.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

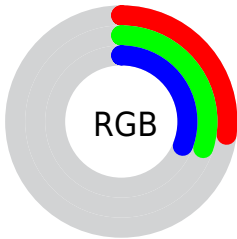
Format	Color
RYB	68, 73, 78
Decimal	4476238
CIELab	32.00, -3.36, -1.82
CIELCh	32, 3.823, 208.490
Yxy	7.0868, 0.2950, 0.3260
Android (android.graphics.Color)	4282666318 (0xFF444D4E)
YUV	74.4230, 1.7635, -5.6330
Hunter-Lab	26.6210, -3.5865, 0.2879

Details

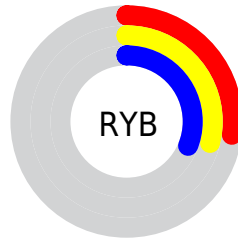
The YUV color **74.4230, 1.7635, -5.6330** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **71.5770, -1.7635, 5.6330**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1240, 1.9109, -6.2477**, and **30.7220, 1.6161, -5.0182** is the 20% darker color. If you saturate the color by 10%, you get **71.4440, 3.2321, -10.0364**, and if you desaturate by 10%, it is **77.4020, 0.2948, -1.2296**.

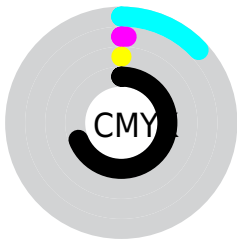
Distribution



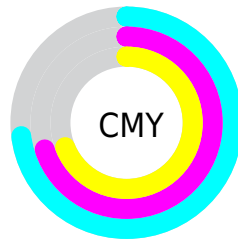
- Red (27%)
- Green (30%)
- Blue (31%)



- Red (27%)
- Yellow (29%)
- Blue (31%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (69%)



- Cyan (73%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4230, 1.7635, -5.6330 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 74.4230, 1.7635, -5.6330 by changing the saturation by 10% instead.

■ 74.4230, 1.7635,
-5.6330

■ 74.4230, 1.7635,
-5.6330

■ 255.0000, 0.0000,
0.0000

■ 51.7220, 1.6161,
-5.0182

■ 123.1240, 1.9109,
-6.2477

■ 30.7220, 1.6161,
-5.0182

■ 149.1240, 1.9109,
-6.2477

■ 7.2380, 2.3477,
-6.3477

■ 175.2380, 2.3477,
-6.3477

■ 0.0000, 0.0000,
0.0000

■ 202.8250, 2.0583,
-6.8625

■ 230.8250, 2.0583,
-6.8625

■ 254.1030, 0.4422,

-1.8443

■ 74.4230, 1.7635,
-5.6330

■ 74.4230, 1.7635,
-5.6330

■ 71.4440, 3.2321,
-10.0364

■ 77.4020, 0.2948,
-1.2296

■ 68.4650, 4.7008,
-14.4398

■ 80.3810, -1.1738,
3.1739

■ 66.3720, 5.7326,
-18.7432

■ 82.4740, -2.2057,
7.4773

■ 63.3930, 7.2013,
-23.1467

■ 85.4530, -3.6743,
11.8807

■ 60.4140, 8.6699,
-27.5501

■ 88.4320, -5.1430,
16.2841

■ 57.4350, 10.1385,
-31.9535

■ 91.4110, -6.6116,
20.6876

■ 55.0430, 11.3178,
-36.8717

■ 93.8030, -7.7909,
25.6058

■ 52.3630, 12.6390,
-40.6604

■ 96.4830, -9.1121,
29.3944

■ 49.9820, 13.8129,
-43.8342

■ 99.4620, -10.5808,
33.7978

Harmonies

Analogous

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



74.3800, 0.3057, -4.7183



74.4230, 1.7635, -5.6330



74.3630, 2.7790, -4.7034

Triad

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



74.4230, 1.7635, -5.6330



75.9510, 1.0102, 2.6740



75.2130, -3.0630, 2.4442

Complementary

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



74.4230, 1.7635, -5.6330



71.5770, -1.7635, 5.6330

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.



75.6370, -2.7790, 4.7034



74.4230, 1.7635, -5.6330



75.7340, 0.1311, 4.6183

Square

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



74.4230, 1.7635, -5.6330



75.9830, 2.4734, 0.0149



75.6910, -1.3267, 5.5330



75.0170, -2.4734, -0.0149

Rectangle

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



74.4230, 1.7635, -5.6330



75.0750, 2.9210, -3.5738



75.6910, -1.3267, 5.5330



75.5120, -3.2104, 3.0590

Sweetspot

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



74.4230, 1.7635, -5.6330



100.8040, 0.5896, -2.4591



73.9840, -2.4571, -5.2480



50.1030, 0.4422, -1.8443



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.



74.4230, 1.7635, -5.6330



96.3410, 2.7899, -8.1921



71.4880, 3.2104, -3.0590



36.8040, 0.5896, -2.4591



65.6320, 17.9294, -57.5593



147.7290, 40.5596, -129.5583

Inverse Universe

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



72.0160, 2.4571, 5.2480



92.9670, 3.4673, 7.9219



74.5120, -3.2104, 3.0590



35.6520, 1.1576, 2.0592



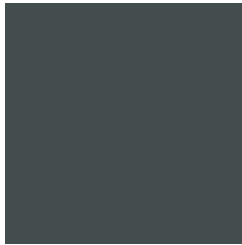
40.9860, 25.1499, 53.5093



92.3680, 56.5136, 120.7033

Previews

White Background



This preview shows how the YUV color 74.4230, 1.7635, -5.6330 looks on a white background.

Color Contrast Check

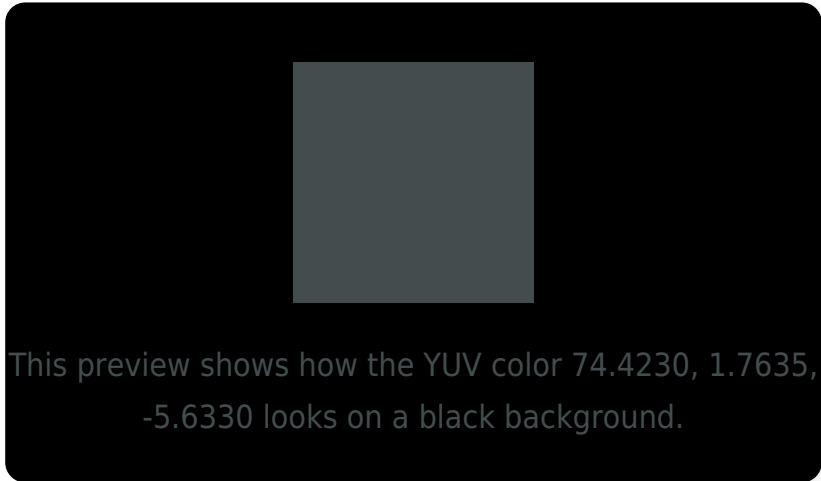
Large Text (above 18pt) WCAG AA ✓ Pass

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

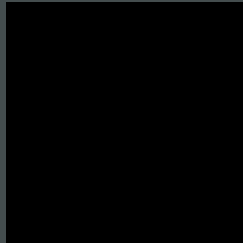
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.4230, 1.7635, -5.6330

Background



This preview shows how black text looks on a background with the YUV color 74.4230, 1.7635, -5.6330.



This preview shows how white text looks on a background with the YUV color 74.4230, 1.7635, -5.6330.

-5.6330.

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

74.4230, 1.7635, -5.6330

Protanopia

75.5270, 0.7262, 0.4148

Deuteranopia

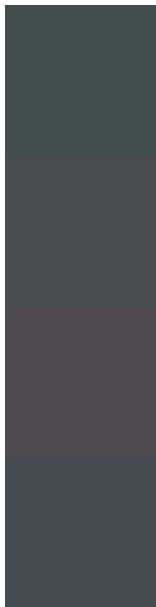
76.0760, 1.4415, 4.3183



Tritanopia

74.5910, 3.6526, -4.9033

Trichromacy



Original Color

74.4230, 1.7635, -5.6330

Protanomaly

75.2170, 0.8790, -1.9443

Deuteranomaly

75.1680, 1.8892, 0.7297

Tritanomaly

74.4770, 3.2158, -4.8033

Monochromacy



Original Color

74.4230, 1.7635, -5.6330

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.1030, 0.4422, -1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4230, 1.7635, -5.6330 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(68, 77, 78)` looks like.

```
.text, #text, p{  
    color:rgb(68, 77, 78)  
}
```

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(68, 77, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 77, 78) }
```

Border

The CSS property to change the border of an element to YUV 74.4230, 1.7635, -5.6330 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(68, 77, 78) }
```


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

```
.border{ border-color:rgb(68, 77, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 77, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 77, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 77, 78);  
box-shadow:4px 4px 4px 4px rgb(68, 77, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.4230, 1.7635, -5.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 77, 78) }
```

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

```
.background{ background-color: rgb(68, 77,  
78) }
```

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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