

Converting Colors

YUV(75.4170, 4.2314, -3.8737)

Have a look what the booklet for
YUV(75.4170, 4.2314, -3.8737)
contains.

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Color

**YUV(75.4170, 4.2314,
-3.8737)**

Conversions

Conversions Part 1

Format	Color
Hex	474C54
RGB	71, 76, 84
RGB Percent	28%, 30%, 33%
CMY	0.7216, 0.7020, 0.6706
CMYK	0.15, 0.10, 0.00, 0.67
HSL	217°, 8%, 30%
HSV	217°, 15%, 33%
XYZ	6.7832, 7.1486, 9.4098
YIQ	75.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

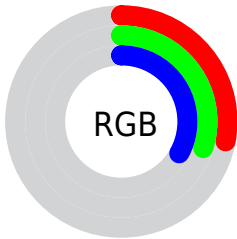
Format	Color
R_{YB}	71, 75, 84
Decimal	4672596
CIE Lab	32.14, -0.12, -5.42
CIE LCh	32, 5.420, 268.784
Yxy	7.1486, 0.2906, 0.3063
Android (android.graphics.Color)	4282862676 (0xFF474C54)
YUV	75.4170, 4.2314, -3.8737
Hunter-Lab	26.7368, -1.5034, -2.1509

Details

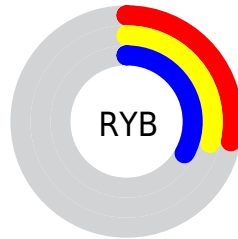
The YUV color **75.4170, 4.2314, -3.8737** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **79.5830, -4.2314, 3.8737**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.1180, 4.3788, -4.4885**, and **31.3030, 3.7946, -3.7737** is the 20% darker color. If you saturate the color by 10%, you get **70.0900, 6.8576, -6.2179**, and if you desaturate by 10%, it is **80.7440, 1.6052, -1.5295**.

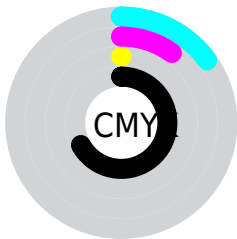
Distribution



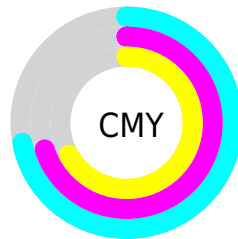
- Red (28%)
- Green (30%)
- Blue (33%)



- Red (28%)
- Yellow (29%)
- Blue (33%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (67%)



- Cyan (72%)
- Magenta (70%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.4170, 4.2314, -3.8737 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 75.4170, 4.2314, -3.8737 by changing the saturation by 10% instead.

■ 75.4170, 4.2314,
-3.8737

■ 75.4170, 4.2314,
-3.8737

■ 255.0000, 0.0000,
0.0000

■ 52.7160, 4.0840,
-3.2589

■ 124.1180, 4.3788,
-4.4885

■ 31.3030, 3.7946,
-3.7737

■ 150.2320, 4.8156,
-4.5885

■ 7.1610, 5.8366,
-5.4032

■ 176.6450, 5.1050,
-4.0737

■ 0.0000, 0.0000,
0.0000

■ 204.2320, 4.8156,
-4.5885

■ 232.3460, 5.2524,
-4.6884

■ 75.4170, 4.2314,
-3.8737

■ 75.4170, 4.2314,
-3.8737

■ 70.0900, 6.8576,
-6.2179

■ 80.7440, 1.6052,
-1.5295

■ 64.4640, 9.6312,
-9.1769

■ 86.3700, -1.1684,
1.4295

■ 58.5500, 12.5469,
-11.0063

■ 92.2840, -4.0840,
3.2589

■ 52.9240, 15.3205,
-13.9653

■ 97.9100, -6.8576,
6.2179

■ 47.5970, 17.9467,
-16.3096

■ 103.2370, -9.4838,
8.5622

■ 42.2700, 20.5729,
-18.6538

■ 108.5640,
-12.1101, 10.9064

■ 36.6440, 23.3465,
-21.6128

■ 114.1900,
-14.8837, 13.8654

■ 31.3170, 25.9727,

■ 119.5170,

-23.9570

-17.5099, 16.2096

■ 28.3600, 27.4305,
-24.8717

■ 125.7300,
-20.5729, 18.6538

Harmonies

Analogous

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



74.6940, 4.0949, -6.7476



75.4170, 4.2314, -3.8737



76.2110, 3.3470, -0.1850

Triad

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



75.4170, 4.2314, -3.8737



76.4740, -2.2057, 7.4773



74.8100, -1.8783, -4.2184

Complementary

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



75.4170, 4.2314, -3.8737



79.5830, -4.2314, 3.8737

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.



75.3760, -3.6364, -0.3298



75.4170, 4.2314, -3.8737



76.0070, -3.9475, 6.1329

Square

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



75.4170, 4.2314, -3.8737



76.6310, -0.3111, 6.4626



75.2840, -4.0840, 3.2589



74.0700, 0.4585, -7.0774

Rectangle

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



75.4170, 4.2314, -3.8737



76.5920, 2.1731, 2.9888



75.2840, -4.0840, 3.2589



74.4080, -2.1731, -2.9888

Sweetspot

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



75.4170, 4.2314, -3.8737



105.8580, 2.0420, -1.6295



79.5430, -0.2677, -7.4922



53.9290, 1.0210, -0.8147



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.



75.4170, 4.2314, -3.8737



96.0900, 6.8576, -6.2179



72.7810, 5.5310, -0.6849



38.0430, 1.4578, -0.9147



35.4500, 34.2882, -31.0896



78.6910, 75.5813, -69.0120

Inverse Universe

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



75.4570, 0.2677, 7.4922



96.1910, 0.3988, 12.1105



82.2190, -5.5310, 0.6849



38.3100, -0.1528, 2.3591



35.9550, 1.9942, 60.5525



79.5140, 4.6766, 133.7302

Previews

White Background



This preview shows how the YUV color 75.4170, 4.2314, -3.8737 looks on a white background.

Color Contrast Check

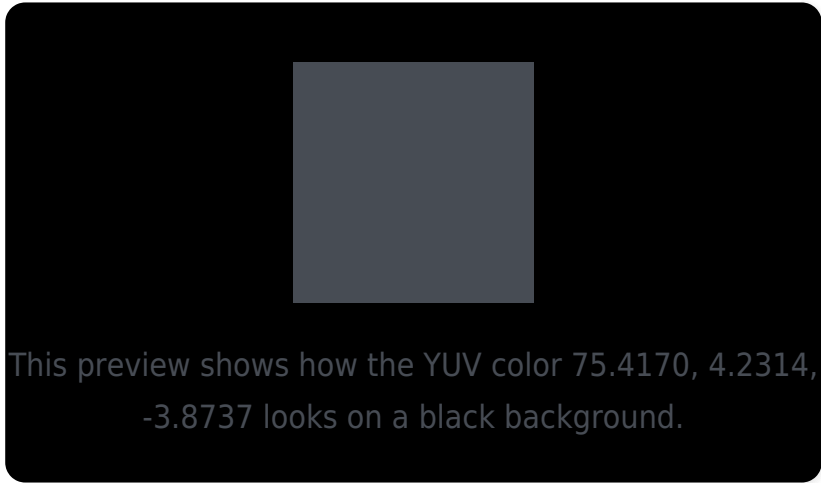
Large Text (above 18pt) WCAG AA ✓ Pass

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

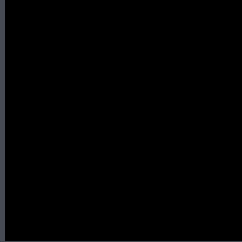
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

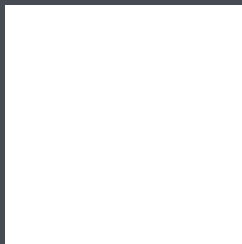
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 75.4170, 4.2314, -3.8737

Background



This preview shows how black text looks on a background with the YUV color 75.4170, 4.2314, -3.8737.



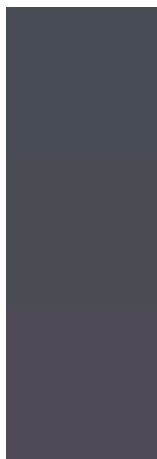
This preview shows how white text looks on a background with the YUV color 75.4170, 4.2314,

-3.8737.

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

75.4170, 4.2314, -3.8737

Protanopia

75.9120, 3.4944, -0.7998

Deuteranopia

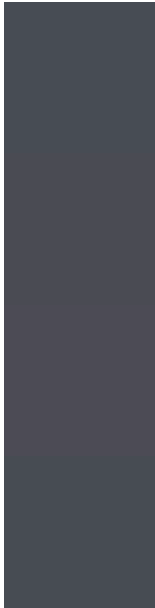
76.7490, 4.0677, 1.9741



Tritanopia

75.1890, 3.3578, -3.6738

Trichromacy



Original Color

75.4170, 4.2314, -3.8737

Protanomaly

75.6130, 3.6418, -1.4146

Deuteranomaly

76.4390, 4.2206, -0.3850

Tritanomaly

75.3030, 3.7946, -3.7737

Monochromacy



Original Color

75.4170, 4.2314, -3.8737

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4170, 4.2314, -3.8737 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, 76, 84)` looks like.

```
.text, #text, p{  
    color:rgb(71, 76, 84)  
}
```

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, 76, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 76, 84) }
```

Border

The CSS property to change the border of an element to YUV 75.4170, 4.2314, -3.8737 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, 76, 84) }
```


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

```
.border{ border-color:rgb(71, 76, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 76, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 76, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 76, 84);  
box-shadow:4px 4px 4px 4px rgb(71, 76, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.4170, 4.2314, -3.8737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 76, 84) }
```

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

```
.background{ background-color: rgb(71, 76,  
84) }
```

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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