

Converting Colors

YUV(76.9790, 15.2934, -5.2436)

Have a look what the booklet for
YUV(76.9790, 15.2934, -5.2436)
contains.

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Color

**YUV(76.9790, 15.2934,
-5.2436)**

Conversions

Conversions Part 1

Format	Color
Hex	474A6C
RGB	71, 74, 108
RGB Percent	28%, 29%, 42%
CMY	0.7216, 0.7098, 0.5765
CMYK	0.34, 0.31, 0.00, 0.58
HSL	235°, 21%, 35%
HSV	235°, 34%, 42%
XYZ	7.7541, 7.3199, 15.1915
YIQ	76.9790, -12.7020, 9.9380

Conversions

Conversions Part 2

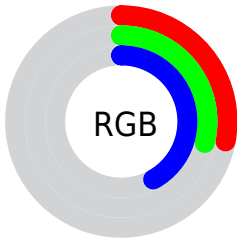
Format	Color
R_{YB}	71, 74, 108
Decimal	4672108
CIE Lab	32.52, 7.70, -20.07
CIE LCh	33, 21.495, 290.985
Yxy	7.3199, 0.2562, 0.2419
Android (android.graphics.Color)	4282862188 (0xFF474A6C)
YUV	76.9790, 15.2934, -5.2436
Hunter-Lab	27.0552, 3.8118, -14.3527

Details

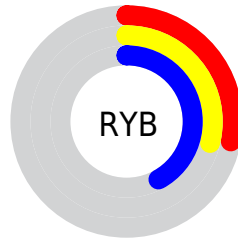
The YUV color **76.9790, 15.2934, -5.2436** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **102.0210, -15.2934, 5.2436**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.6200, 16.4563, -4.9287**, and **31.9250, 13.8410, -6.0732** is the 20% darker color. If you saturate the color by 10%, you get **67.8200, 19.8087, -6.8581**, and if you desaturate by 10%, it is **86.1380, 10.7780, -3.6290**.

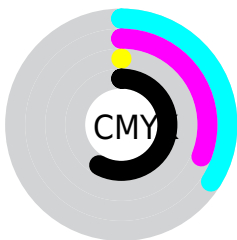
Distribution



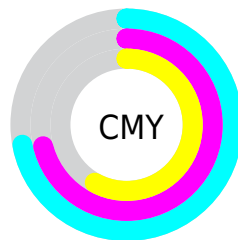
- Red (28%)
- Green (29%)
- Blue (42%)



- Red (28%)
- Yellow (29%)
- Blue (42%)



- Cyan (34%)
- Magenta (31%)
- Yellow (0%)
- Black (58%)



- Cyan (72%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.9790, 15.2934, -5.2436 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 76.9790, 15.2934, -5.2436 by changing the saturation by 10% instead.

■ 76.9790, 15.2934,
-5.2436

■ 76.9790, 15.2934,
-5.2436

■ 255.0000, 0.0000,
0.0000

■ 54.4520, 14.5672,
-5.6584

■ 126.6200, 16.4563,
-4.9287

■ 31.9250, 13.8410,
-6.0732

■ 152.1470, 17.1825,
-4.5139

■ 8.2780, 15.1459,
-4.6288

■ 179.1470, 17.1825,
-4.5139

■ 2.4110, 6.6994,
-2.1144

■ 206.3750, 18.0561,
-4.7139

■ 0.0000, 0.0000,
0.0000

■ 232.5510, 11.0674,
-3.1142

■ 76.9790, 15.2934,
-5.2436

■ 76.9790, 15.2934,
-5.2436

■ 67.8200, 19.8087,
-6.8581

■ 86.1380, 10.7780,
-3.6290

■ 58.6610, 24.3241,
-8.4727

■ 95.2970, 6.2626,
-2.0145

■ 49.8010, 28.6921,
-9.4725

■ 104.1570, 1.8946,
-1.0147

■ 40.6420, 33.2075,
-11.0870

■ 113.3160, -2.6208,
0.5999

■ 31.4830, 37.7229,
-12.7016

■ 122.4750, -7.1362,
2.2144

■ 22.3240, 42.2383,
-14.3161

■ 131.6340,
-11.6516, 3.8290

■ 17.5950, 44.5697,
-15.4308

■ 140.2060,
-15.8776, 5.9583

■ 149.0660,

-20.2455, 6.9581

■ 158.2250,
-24.7609, 8.5727

Harmonies

Analogous

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



72.3570, 18.5580, -25.7461



76.9790, 15.2934, -5.2436



78.8950, 9.4188, 12.3701

Triad

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



76.9790, 15.2934, -5.2436



76.8260, -12.7322, 23.8316



68.1550, 1.4026, -29.9539

Complementary

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



76.9790, 15.2934, -5.2436



102.0210, -15.2934, 5.2436

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.



71.7350, -8.2504, -13.7996



76.9790, 15.2934, -5.2436



75.8480, -16.1941, 14.1653

Square

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



76.9790, 15.2934, -5.2436



77.8680, -6.3439, 28.1798



74.1130, -14.8457, 1.6549



62.3190, 12.6607, -47.6378

Rectangle

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



76.9790, 15.2934, -5.2436



78.9840, 4.4449, 21.0620



74.1130, -14.8457, 1.6549



69.8630, -2.3975, -24.4359

Sweetspot

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



76.9790, 15.2934, -5.2436



128.1830, 5.8258, -1.9145



96.5950, 4.1437, -22.4468



64.4990, 3.2050, -1.3146



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



76.9790, 15.2934, -5.2436



91.8460, 23.7399, -7.7579



79.7030, 13.9504, 5.5225



49.2710, 2.3314, -1.1147



19.2080, 48.2115, -16.8454



39.6700, 101.2277, -34.7906

Inverse Universe

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



82.4050, -4.1437, 22.4468



100.4990, -6.6550, 34.6424



99.2970, -13.9504, -5.5225



49.9080, -0.4476, 3.5887



36.1230, -12.8786, 70.9291



75.5350, -27.3788, 148.6208

Previews

White Background



This preview shows how the YUV color 76.9790, 15.2934, -5.2436 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 76.9790, 15.2934, -5.2436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

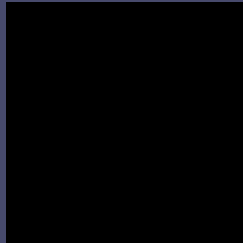
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.9790, 15.2934, -5.2436

Background



This preview shows how black text looks on a background with the YUV color 76.9790, 15.2934, -5.2436.



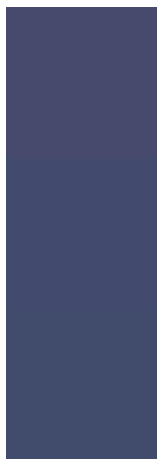
This preview shows how white text looks on a background with the YUV color 76.9790, 15.2934,

-5.2436.

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

76.9790, 15.2934, -5.2436

Protanopia

76.1850, 16.1778, -8.9322

Deuteranopia

76.3590, 15.5990, -9.9618



Tritanopia

75.7970, 4.5371, -8.5920

Trichromacy



Original Color

76.9790, 15.2934, -5.2436

Protanomaly

76.7830, 15.8830, -7.7027

Deuteranomaly

76.3700, 15.5936, -8.2175

Tritanomaly

76.1330, 8.3154, -7.1326

Monochromacy



Original Color

76.9790, 15.2934, -5.2436

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.9790, 15.2934, -5.2436 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, 74, 108)` looks like.

```
.text, #text, p{  
  color:rgb(71, 74, 108)  
}
```

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, 74, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 74, 108) }
```

Border

The CSS property to change the border of an element to YUV 76.9790, 15.2934, -5.2436 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, 74, 108) }
```


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

```
.border{ border-color:rgb(71, 74, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 74, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 74, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 74, 108);  
box-shadow:4px 4px 4px 4px rgb(71, 74,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 76.9790, 15.2934, -5.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 74, 108) }
```

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

```
.background{ background-color: rgb(71, 74,  
108) }
```

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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