

Converting Colors

YUV(75.6870, 11.4933, 0.2745)

Have a look what the booklet for
YUV(75.6870, 11.4933, 0.2745)
contains.

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Color

**YUV(75.6870, 11.4933,
0.2745)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4763
RGB	76, 71, 99
RGB Percent	30%, 28%, 39%
CMY	0.7020, 0.7216, 0.6118
CMYK	0.23, 0.28, 0.00, 0.61
HSL	251°, 16%, 33%
HSV	251°, 28%, 39%
XYZ	7.4859, 6.9438, 12.7501
YIQ	75.6870, -6.0080, 9.7680

Conversions

Conversions Part 2

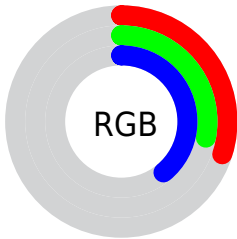
Format	Color
R_{YB}	76, 71, 99
Decimal	4999011
CIE _{Lab}	31.68, 8.81, -15.64
CIE _{LCh}	32, 17.954, 299.396
Yxy	6.9438, 0.2754, 0.2555
Android (android.graphics.Color)	4283189091 (0xFF4C4763)
YUV	75.6870, 11.4933, 0.2745
Hunter-Lab	26.3511, 4.5940, -10.2419

Details

The YUV color **75.6870, 11.4933, 0.2745** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **94.3130, -11.4933, -0.2745**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3280, 12.6563, 0.5893**, and **31.6330, 10.0409, -0.5551** is the 20% darker color. If you saturate the color by 10%, you get **67.4250, 15.5665, 0.5043**, and if you desaturate by 10%, it is **83.9490, 7.4201, 0.0447**.

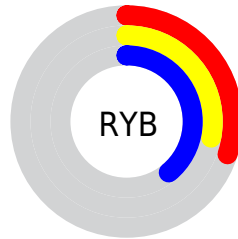
Distribution



Red (30%)

Green (28%)

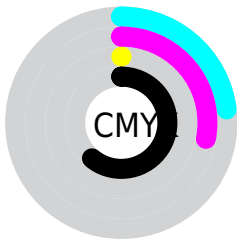
Blue (39%)



Red (30%)

Yellow (28%)

Blue (39%)

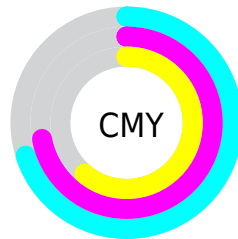


Cyan (23%)

Magenta (28%)

Yellow (0%)

Black (61%)



Cyan (70%)

Magenta (72%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6870, 11.4933, 0.2745 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 75.6870, 11.4933, 0.2745 by changing the saturation by 10% instead.

■ 75.6870, 11.4933,
0.2745

■ 75.6870, 11.4933,
0.2745

■ 255.0000, 0.0000,
0.0000

■ 53.1600, 10.7671,
-0.1403

■ 124.3280, 12.6563,
0.5893

■ 31.6330, 10.0409,
-0.5551

■ 150.4420, 13.0931,
0.4894

■ 7.1110, 11.7773,
2.5337

■ 177.4420, 13.0931,
0.4894

■ 0.3420, 1.3104,
-0.2999

■ 204.8550, 13.3825,
1.0042

■ 0.0000, 0.0000,
0.0000

■ 232.2850, 11.1985,
1.5041

■ 75.6870, 11.4933,
0.2745

■ 75.6870, 11.4933,
0.2745

■ 67.4250, 15.5665,
0.5043

■ 83.9490, 7.4201,
0.0447

■ 59.1630, 19.6396,
0.7340

■ 92.2110, 3.3470,
-0.1850

■ 50.9010, 23.7128,
0.9638

■ 100.4730, -0.7262,
-0.4148

■ 42.3400, 27.9334,
0.5788

■ 109.0340, -4.9468,
-0.0298

■ 34.6650, 31.7172,
0.2938

■ 117.2960, -9.0199,
-0.2596

■ 26.4030, 35.7903,
0.5236

■ 124.9710,
-12.8037, 0.0254

■ 18.1410, 39.8635,
0.7533


■ 133.2330,
-16.8769, -0.2043

■ 16.6680, 40.5897,

■ 141.4950,

1.1682

-20.9500, -0.4341

 149.7570,
-25.0232, -0.6639

Harmonies

Analogous

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



72.6850, 14.4523, -15.5097



75.6870, 11.4933, 0.2745



76.3960, 6.2138, 13.6847

Triad

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



75.6870, 11.4933, 0.2745



75.0210, -11.8424, 18.3986



67.6330, 3.1389, -26.8651

Complementary

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



75.6870, 11.4933, 0.2745



94.3130, -11.4933, -0.2745

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.



70.2340, -5.0454, -15.1142



75.6870, 11.4933, 0.2745



73.7980, -13.7044, 8.9472

Square

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



75.6870, 11.4933, 0.2745



75.6070, -7.2013, 23.1467



72.4160, -11.0511, -2.1188



66.2390, 10.7282, -34.4126

Rectangle

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



75.6870, 11.4933, 0.2745



76.2890, 1.8295, 19.9175



72.4160, -11.0511, -2.1188



68.5580, 0.2179, -23.2914

Sweetspot

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



75.6870, 11.4933, 0.2745



118.8520, 4.5100, 0.1298



87.6930, 5.5744, -14.6398



58.3960, 2.7628, 0.5297



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



75.6870, 11.4933, 0.2745



91.4080, 18.0399, 0.5192



79.8730, 9.4296, 8.8814



44.4560, 1.7472, -0.3999



18.7480, 45.9732, 1.0980



40.2170, 98.4930, 2.4407

Inverse Universe

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



81.9940, 5.9190, 14.9143



101.2600, 9.2388, 23.4510



90.1270, -9.4296, -8.8814



45.6520, 1.1576, 2.0592



43.9760, 23.6758, 59.6570



94.2180, 50.6715, 127.8508

Previews

White Background



This preview shows how the YUV color 75.6870, 11.4933, 0.2745 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 75.6870, 11.4933, 0.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

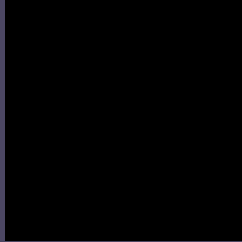
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.6870, 11.4933, 0.2745

Background



This preview shows how black text looks on a background with the YUV color 75.6870, 11.4933, 0.2745.

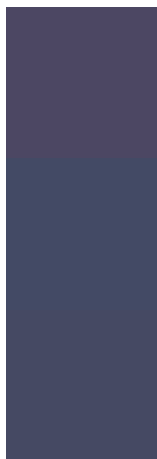


This preview shows how white text looks on a background with the YUV color 75.6870, 11.4933,

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

75.6870, 11.4933, 0.2745

Protanopia

74.9850, 12.8254, -7.0028

Deuteranopia

74.7680, 11.9464, -5.0585



Tritanopia

74.9720, 2.4788, -1.7294

Trichromacy



Original Color

75.6870, 11.4933, 0.2745

Protanomaly

75.1810, 12.2358, -4.5437

Deuteranomaly

75.0780, 11.7935, -2.6994

Tritanomaly

75.4820, 5.6784, -1.2997

Monochromacy



Original Color

75.6870, 11.4933, 0.2745

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7380, 4.0732, 0.2298

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6870, 11.4933, 0.2745 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(76, 71, 99)` looks like.

```
.text, #text, p{  
    color:rgb(76, 71, 99)  
}
```

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(76, 71, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 71, 99) }
```

Border

The CSS property to change the border of an element to YUV 75.6870, 11.4933, 0.2745 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(76, 71, 99) }
```


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

```
.border{ border-color:rgb(76, 71, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 71, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 71, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 71, 99);  
box-shadow:4px 4px 4px 4px rgb(76, 71, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.6870, 11.4933, 0.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 71, 99) }
```

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

```
.background{ background-color: rgb(76, 71,  
99) }
```

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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