

Converting Colors

YUV(76.5470, 16.9853,
-34.6827)

Have a look what the booklet for
YUV(76.5470, 16.9853, -34.6827)
contains.

YUV(76.5470, 16.9853, -34.6827)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(76.5470, 16.9853,
-34.6827)**

Conversions

Conversions Part 1

Format	Color
Hex	255A6F
RGB	37, 90, 111
RGB Percent	15%, 35%, 44%
CMY	0.8549, 0.6471, 0.5647
CMYK	0.67, 0.19, 0.00, 0.56
HSL	197°, 50%, 29%
HSV	197°, 67%, 44%
XYZ	7.2884, 8.8533, 16.3637
YIQ	76.5470, -38.3290, -4.7050

Conversions

Conversions Part 2

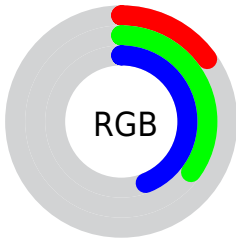
Format	Color
R_{YB}	37, 68, 111
Decimal	2447983
CIE _{Lab}	35.70, -10.42, -17.19
CIE _{LCh}	36, 20.108, 238.775
Yxy	8.8533, 0.2242, 0.2724
Android (android.graphics.Color)	4280638063 (0xFF255A6F)
YUV	76.5470, 16.9853, -34.6827
Hunter-Lab	29.7546, -8.3471, -11.7786




Details

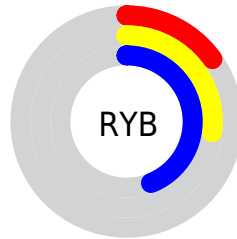
The YUV color **76.5470, 16.9853, -34.6827** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71.4530, -16.9853, 34.6827**, and the grayscale version is **76.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **127.9710, 17.2693, -32.4236**, and **33.0100, 14.7851, -28.9498** is the 20% darker color. If you saturate the color by 10%, you get **71.4970, 19.4750, -39.9009**, and if you desaturate by 10%, it is **81.5970, 14.4957, -29.4646**.

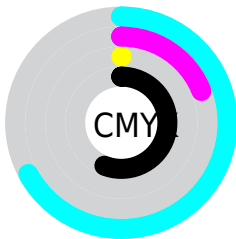
Distribution







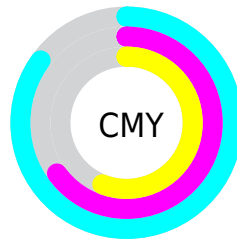
-  Red (15%)
-  Green (35%)
-  Blue (44%)






-  Red (15%)
-  Yellow (27%)
-  Blue (44%)



-  Cyan (67%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (85%)
-  Magenta (65%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5470, 16.9853, -34.6827 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 76.5470, 16.9853, -34.6827 by changing the saturation by 10% instead.

■ 76.5470, 16.9853,
-34.6827

■ 76.5470, 16.9853,
-34.6827

■ 255.0000, 0.0000,
0.0000

■ 49.5460, 18.4648,
-42.5748

■ 127.9710, 17.2693,
-32.4236

■ 33.0100, 14.7851,
-28.9498

■ 154.0850, 17.7061,
-32.5235

■ 18.7620, 10.9633,
-16.4543

■ 181.7860, 17.8535,
-33.1383

■ 2.8670, 8.4466,
-2.5144

■ 209.7860, 17.8535,
-33.1383

■ 0.0000, 0.0000,
0.0000

■ 235.6200, 9.5543,
-31.2387

■ 247.2260, 3.8326,

-15.9842

■ 76.5470, 16.9853,
-34.6827

■ 76.5470, 16.9853,
-34.6827

■ 71.4970, 19.4750,
-39.9009

■ 81.5970, 14.4957,
-29.4646

■ 66.4470, 21.9646,
-45.1190

■ 86.6470, 12.0060,
-24.2464

■ 61.3970, 24.4543,
-50.3372

■ 91.6970, 9.5164,
-19.0283

■ 59.6140, 25.3333,
-52.2815

■ 97.3340, 6.7373,
-14.3249

■ 102.6830, 4.1003,
-8.4920

■ 107.7330, 1.6106,
-3.2738

■ 112.7830, -0.8790,
1.9443

■ 117.8330, -3.3687,
7.1625

■ 122.8830, -5.8583,
12.3806

Harmonies

Analogous

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



73.6620, 12.4916, -40.0456



76.5470, 16.9853, -34.6827



81.9450, 16.7891, -18.3688

Triad

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



76.5470, 16.9853, -34.6827



86.0400, -0.5127, 24.5209



81.5470, -13.0877, -2.2337

Complementary

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



76.5470, 16.9853, -34.6827



71.4530, -16.9853, 34.6827

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.



83.3530, -15.4570, 11.0914



76.5470, 16.9853, -34.6827



85.1020, -7.9383, 26.2205

Square

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



76.5470, 16.9853, -34.6827



86.6350, 7.0819, 15.2291



83.9890, -13.3056, 21.0576



78.9950, -5.9135, -16.6586

Rectangle

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



76.5470, 16.9853, -34.6827



84.1530, 14.7146, -6.2732



83.9890, -13.3056, 21.0576



81.9390, -14.2669, 2.6845

Sweetspot

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



76.5470, 16.9853, -34.6827



131.6330, 6.5899, -13.7101



82.8320, -12.2422, -40.1947



65.6830, 4.1003, -8.4920



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



76.5470, 16.9853, -34.6827



90.9450, 26.6491, -54.3258



54.8280, 27.6928, -15.6352



53.6190, 1.1738, -3.1739



64.1620, 27.5281, -56.2701



132.0570, 56.6669, -115.8140

Inverse Universe

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



65.1680, 12.2422, 40.1947



73.1460, 19.1550, 63.0160



93.1720, -27.6928, 15.6352



52.3640, 1.2995, 3.1888



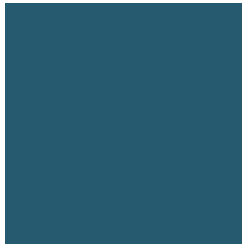
45.6840, 19.8758, 65.1751



94.0310, 40.9037, 134.1538

Previews

White Background



This preview shows how the YUV color 76.5470, 16.9853, -34.6827 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 76.5470, 16.9853, -34.6827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

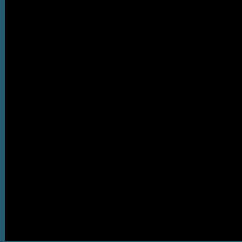
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.5470, 16.9853, -34.6827

Background



This preview shows how black text looks on a background with the YUV color 76.5470, 16.9853, -34.6827.

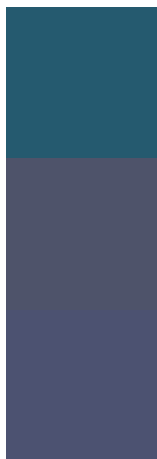


This preview shows how white text looks on a background with the YUV color 76.5470, 16.9853,

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

76.5470, 16.9853, -34.6827

Protanopia

84.1270, 10.7834, -5.3734

Deuteranopia

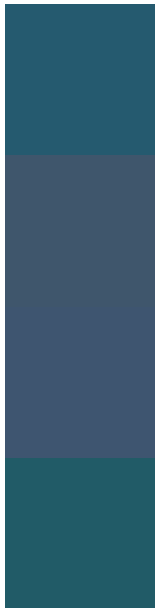
83.7400, 14.4252, -6.7880



Tritanopia

74.2600, 12.1968, -38.8160

Trichromacy



Original Color

76.5470, 16.9853, -34.6827

Protanomaly

81.6310, 12.9999, -16.3394

Deuteranomaly

81.2010, 15.1839, -16.8393

Tritanomaly

75.0260, 13.7912, -36.8568

Monochromacy



Original Color

76.5470, 16.9853, -34.6827

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8180, 6.0057, -12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5470, 16.9853, -34.6827 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(37, 90, 111)` looks like.

```
.text, #text, p{  
    color:rgb(37, 90, 111)  
}
```

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(37, 90, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 90, 111) }
```

Border

The CSS property to change the border of an element to YUV 76.5470, 16.9853, -34.6827 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(37, 90, 111) }
```


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

```
.border{ border-color:rgb(37, 90, 111) }
```

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

Here you see how a box with a 4 pixel rgb(37, 90, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 90, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 90, 111);  
box-shadow:4px 4px 4px 4px rgb(37, 90,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 76.5470, 16.9853, -34.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 90, 111) }
```

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

```
.background{ background-color: rgb(37, 90,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor