

Converting Colors

YUV(34.7540, 16.3903,
-30.4793)

Have a look what the booklet for
YUV(34.7540, 16.3903, -30.4793)
contains.

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Color

**YUV(34.7540, 16.3903,
-30.4793)**

Conversions

Conversions Part 1

Format	Color
Hex	002E44
RGB	0, 46, 68
RGB Percent	0%, 18%, 27%
CMY	1.0000, 0.8196, 0.7333
CMYK	1.00, 0.32, 0.00, 0.73
HSL	199°, 100%, 13%
HSV	199°, 100%, 27%
XYZ	2.0204, 2.3713, 5.8201
YIQ	34.7540, -34.4780, -2.9100

Conversions

Conversions Part 2

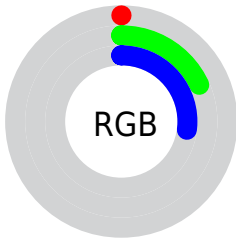
Format	Color
RYB	0, 27, 68
Decimal	11844
CIELab	17.33, -5.14, -17.88
CIELCh	17, 18.604, 253.953
Yxy	2.3713, 0.1978, 0.2322
Android (android.graphics.Color)	4278201924 (0xFF002E44)
YUV	34.7540, 16.3903, -30.4793
Hunter-Lab	15.3992, -3.5292, -11.6291

Details

The YUV color **34.7540, 16.3903, -30.4793** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **33.2460, -16.3903, 30.4793**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.2710, 15.6424, -23.9167**, and **3.4370, 10.6306, -3.0142** is the 20% darker color. If you saturate the color by 10%, you get **34.7540, 16.3903, -30.4793**, and if you desaturate by 10%, it is **38.0210, 14.7796, -27.2054**.

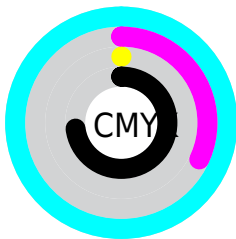
Distribution



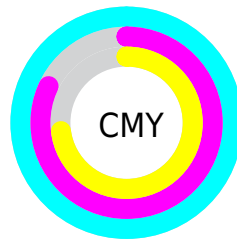
- Red (0%)
- Green (18%)
- Blue (27%)



- Red (0%)
- Yellow (11%)
- Blue (27%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.7540, 16.3903, -30.4793 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 34.7540, 16.3903, -30.4793 by changing the saturation by 10% instead.

■ 34.7540, 16.3903,
-30.4793

■ 34.7540, 16.3903,
-30.4793

■ 252.0100, 1.4741,
-6.1478

■ 20.5060, 12.5685,
-17.9838

■ 84.2710, 15.6424,
-23.9167

■ 3.4370, 10.6306,
-3.0142

■ 108.7980, 16.3686,
-23.5018

■ 0.0000, 0.0000,
0.0000

■ 134.4990, 16.5160,
-24.1166

■ 161.0260, 17.2422,
-23.7018

■ 188.1400, 17.6790,
-23.8018

■ 215.8410, 17.8264,

-24.4166

■ 241.8770, 6.4696,
-21.8171

■ 34.7540, 16.3903,
-30.4793

■ 38.0210, 14.7796,
-27.2054

■ 41.2880, 13.1690,
-23.9316

■ 44.8430, 11.4164,
-21.7873

■ 48.1100, 9.8058,
-18.5135

■ 51.3770, 8.1951,
-15.2396

■ 54.6440, 6.5845,
-11.9658

■ 57.9110, 4.9739,
-8.6919

■ 61.4660, 3.2213,
-6.5477

■ 64.7330, 1.6106,
-3.2738

Harmonies

Analogous

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



35.7170, 12.4645, -31.3238



34.7540, 16.3903, -30.4793



41.9740, 12.8308, -8.7472

Triad

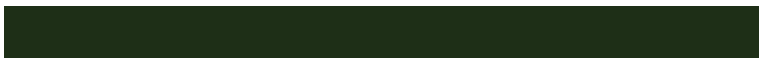
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.7540, 16.3903, -30.4793



43.3340, -3.1227, 21.6321



39.1810, -7.9772, -8.0517

Complementary

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



34.7540, 16.3903, -30.4793



33.2460, -16.3903, 30.4793

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.



41.1070, -12.3778, 3.4142



34.7540, 16.3903, -30.4793



42.8300, -8.7902, 19.4431

Square

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



34.7540, 16.3903, -30.4793



43.6200, 3.1453, 17.8733



41.8740, -12.2629, 13.2655



35.4440, -0.2189, -23.1914

Rectangle

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



34.7540, 16.3903, -30.4793



43.4700, 10.6143, 2.2188



41.8740, -12.2629, 13.2655



39.7470, -9.7353, -4.1631

Sweetspot

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



34.7540, 16.3903, -30.4793



76.2310, 6.2951, -12.4806



42.4240, -10.0690, -37.2058



37.9820, 3.9529, -7.8772



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



34.7540, 16.3903, -30.4793



45.3660, 21.5116, -39.7860



14.7960, 26.2296, -12.9761



31.5160, 0.7316, -1.3295



49.8000, 23.2696, -43.6746



114.7600, 53.8553, -100.6445

Inverse Universe

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



25.5760, 10.0690, 37.2058



33.4510, 13.0887, 48.7165



53.2040, -26.2296, 12.9761



31.1250, 0.4314, 1.6444



36.5270, 14.5302, 53.0348



84.3040, 33.3741, 122.5134

Previews

White Background



This preview shows how the YUV color 34.7540, 16.3903, -30.4793 looks on a white background.

Color Contrast Check

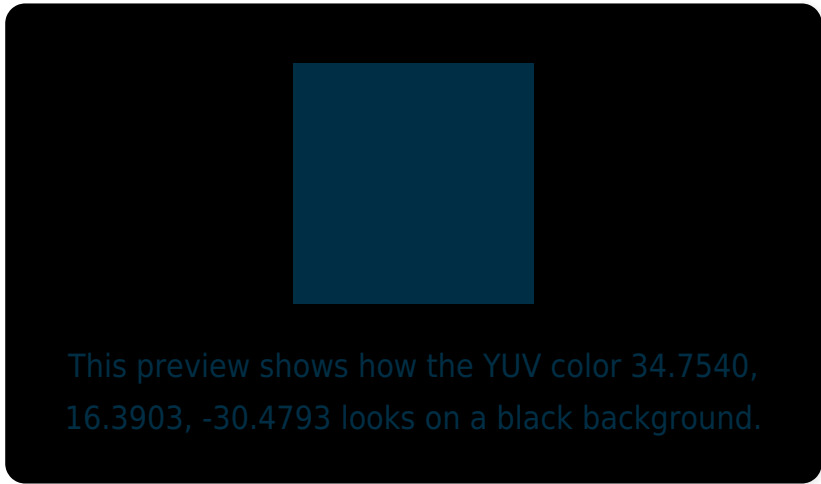
Large Text (above 18pt) WCAG AA ✓ Pass

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

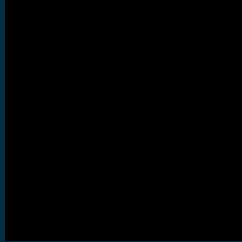
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.7540, 16.3903, -30.4793

Background



This preview shows how black text looks on a background with the YUV color 34.7540, 16.3903, -30.4793.



This preview shows how white text looks on a background with the YUV color 34.7540, 16.3903, -30.4793.

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



Protanopia

43.4150, 10.6414, -6.5030

Deuteranopia

41.7780, 13.4204, -11.2063

Tritanopia

34.1040, 8.8227, -29.9092

Trichromacy



Protanomaly

40.2290, 12.7051, -15.1098

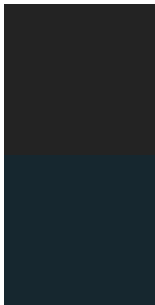
Deuteranomaly

39.0760, 14.7525, -18.4837

Tritanomaly

34.2010, 11.7329, -29.9943

Monochromacy



Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8290, 6.0003, -11.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.7540, 16.3903, -30.4793 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(0, 46, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 46, 68)  
}
```

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(0, 46, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 46, 68) }
```

Border

The CSS property to change the border of an element to YUV 34.7540, 16.3903, -30.4793 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(0, 46, 68) }
```

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

```
.border{ border-color:rgb(0, 46, 68) }
```

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

Here you see how a box with a 4 pixel rgb(0, 46, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 46, 68); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 46, 68); box-shadow:4px  
4px 4px 4px rgb(0, 46, 68) }
```


Background

The CSS property to change the background color of an element to YUV 34.7540, 16.3903, -30.4793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 46, 68) }
```

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

```
.background{ background-color: rgb(0, 46,  
68) }
```

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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