

Converting Colors

YUV(35.7850, 2.5710, -31.3834)

Have a look what the booklet for
YUV(35.7850, 2.5710, -31.3834)
contains.

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Color

**YUV(35.7850, 2.5710,
-31.3834)**

Conversions

Conversions Part 1

Format	Color
Hex	003529
RGB	0, 53, 41
RGB Percent	0%, 21%, 16%
CMY	1.0000, 0.7922, 0.8392
CMYK	1.00, 0.00, 0.23, 0.79
HSL	166°, 100%, 10%
HSV	166°, 100%, 21%
XYZ	1.6733, 2.7063, 2.5320
YIQ	35.7850, -27.7360, -14.9680

Conversions

Conversions Part 2

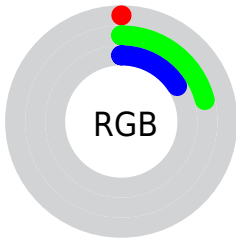
Format	Color
RYB	0, 30, 53
Decimal	13609
CIELab	18.83, -20.04, 2.96
CIELCh	19, 20.262, 171.598
Yxy	2.7063, 0.2421, 0.3916
Android (android.graphics.Color)	4278203689 (0xFF003529)
YUV	35.7850, 2.5710, -31.3834
Hunter-Lab	16.4508, -10.6324, 2.3901

Details

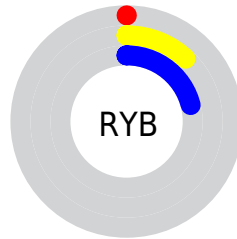
The YUV color **35.7850, 2.5710, -31.3834** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.2150, -2.5710, 31.3834**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.0520, 0.9604, -28.1096**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.7850, 2.5710, -31.3834**, and if you desaturate by 10%, it is **37.3940, 2.2708, -28.4095**.

Distribution



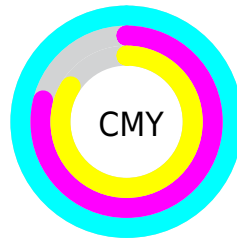
- Red (0%)
- Green (21%)
- Blue (16%)



- Red (0%)
- Yellow (12%)
- Blue (21%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (79%)



- Cyan (100%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.7850, 2.5710, -31.3834 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 35.7850, 2.5710, -31.3834 by changing the saturation by 10% instead.

■ 35.7850, 2.5710,
-31.3834

■ 35.7850, 2.5710,
-31.3834

■ 250.2160, 2.3585,
-9.8364

■ 21.1780, -0.0878,
-18.5731

■ 84.0520, 0.9604,
-28.1096

■ 0.0000, 0.0000,
0.0000

■ 108.9380, 0.5236,
-28.0096

■ 134.6390, 0.6710,
-28.6244

■ 161.2260, 0.3816,
-29.1392

■ 188.8130, 0.0922,
-29.6540


■ 216.5140, 0.2396,


-30.2688

 240.4050, 2.2653,
-26.6652

 35.7850, 2.5710,
-31.3834

 37.3940, 2.2708,
-28.4095

 39.3020, 1.8231,
-24.8209

 41.0250, 1.9597,
-21.9469

 42.6340, 1.6594,
-18.9730

 44.5420, 1.2118,
-15.3843

■ 46.1510, 0.9116,
-12.4104

■ 47.7600, 0.6113,
-9.4365

■ 49.4830, 0.7479,
-6.5626

■ 51.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



41.0880, -6.9454, -12.3552



35.7850, 2.5710, -31.3834



37.4950, 9.1230, -32.8831

Triad

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



35.7850, 2.5710, -31.3834



46.1100, 13.2568, -5.3585



45.5590, -11.1216, 20.5578

Complementary

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



35.7850, 2.5710, -31.3834



17.2150, -2.5710, 31.3834

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.



45.8890, -4.8753, 23.7763



35.7850, 2.5710, -31.3834



47.5420, 8.1138, 10.9257

Square

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



35.7850, 2.5710, -31.3834



39.4060, 17.5478, -28.4201



47.0010, 1.9715, 21.0471



44.9940, -14.2940, 11.4063

Rectangle

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



35.7850, 2.5710, -31.3834



37.9340, 13.3435, -33.2681



47.0010, 1.9715, 21.0471



46.0260, -9.3798, 21.9022

Sweetspot

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



35.7850, 2.5710, -31.3834



62.1510, 0.9116, -12.4104



34.6990, -17.1066, -19.9070



31.7710, 0.6059, -7.6922



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



35.7850, 2.5710, -31.3834



46.5450, 3.1823, -40.8200



28.9350, 11.8640, -25.3760



24.9890, 0.0054, -1.7444



60.1090, 4.3833, -52.7156



146.5310, 10.5842, -128.5077

Inverse Universe

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



17.2150, -2.5710, 31.3834



22.4550, -3.1823, 40.8200



24.0650, -11.8640, 25.3760



24.0110, -0.0054, 1.7444



28.8910, -4.3833, 52.7156



70.4690, -10.5842, 128.5077

Previews

White Background



This preview shows how the YUV color 35.7850, 2.5710, -31.3834 looks on a white background.

Color Contrast Check

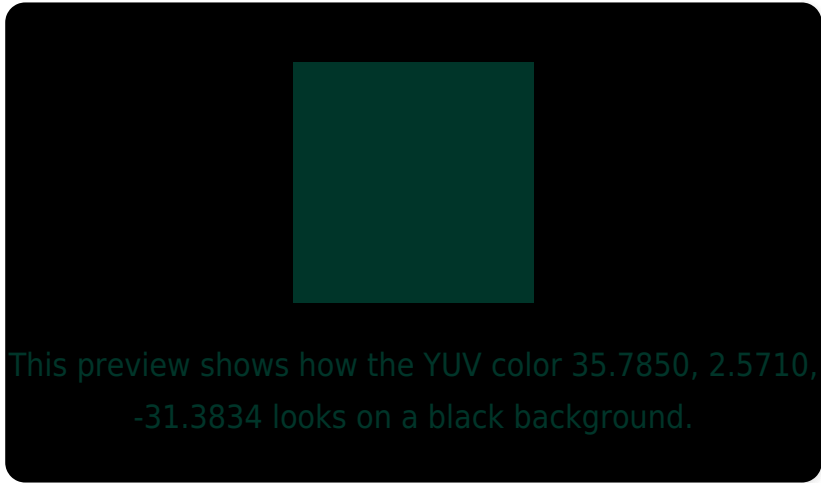
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7850, 2.5710, -31.3834

Background



This preview shows how black text looks on a background with the YUV color 35.7850, 2.5710, -31.3834.



This preview shows how white text looks on a background with the YUV color 35.7850, 2.5710,

-31.3834.

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

35.7850, 2.5710, -31.3834

Protanopia

45.9850, -3.9366, 2.6442

Deuteranopia

46.8650, -1.9054, 4.5034



Tritanopia

41.2900, 6.7590, -21.3023

Trichromacy



Original Color

35.7850, 2.5710, -31.3834

Protanomaly

42.4780, -1.7147, -10.0662

Deuteranomaly

42.8310, -0.4097, -8.6218

Tritanomaly

39.5130, 5.1701, -25.0059

Monochromacy



Original Color

35.7850, 2.5710, -31.3834

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.8630, 1.0535, -11.2809

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.7850, 2.5710, -31.3834 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, 53, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 53, 41)  
}
```

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, 53, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 53, 41) }
```

Border

The CSS property to change the border of an element to YUV 35.7850, 2.5710, -31.3834 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, 53, 41) }
```


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

```
.border{ border-color:rgb(0, 53, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 53, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 53, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 53, 41); box-shadow:4px  
4px 4px 4px rgb(0, 53, 41) }
```

Background

The CSS property to change the background color of an element to YUV 35.7850, 2.5710, -31.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 53, 41) }
```

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

```
.background{ background-color: rgb(0, 53,  
41) }
```

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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