

Converting Colors

YUV(40.8310, -7.3117, -34.9318)

Have a look what the booklet for
YUV(40.8310, -7.3117, -34.9318)
contains.

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Color

**YUV(40.8310, -7.3117,
-34.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	01401A
RGB	1, 64, 26
RGB Percent	0%, 25%, 10%
CMY	0.9961, 0.7490, 0.8980
CMYK	0.98, 0.00, 0.59, 0.75
HSL	144°, 97%, 13%
HSV	144°, 98%, 25%
XYZ	2.0324, 3.7478, 1.5936
YIQ	40.8310, -25.3500, -25.1740

Conversions

Conversions Part 2

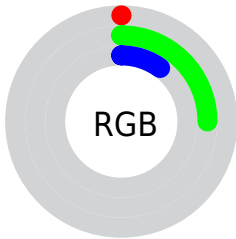
Format	Color
RYB	1, 46, 64
Decimal	81946
CIELab	22.82, -28.55, 18.01
CIELCh	23, 33.752, 147.754
Yxy	3.7478, 0.2756, 0.5083
Android (android.graphics.Color)	4278272026 (0xFF01401A)
YUV	40.8310, -7.3117, -34.9318
Hunter-Lab	19.3593, -15.1396, 8.6710

Details

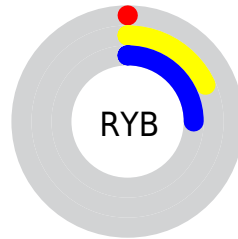
The YUV color **40.8310, -7.3117, -34.9318** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **24.1690, 7.3117, 34.9318**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.3540, -10.5275, -30.1285**, and **10.5660, -5.2090, -9.2664** is the 20% darker color. If you saturate the color by 10%, you get **40.4180, -7.6011, -35.4466**, and if you desaturate by 10%, it is **43.0810, -6.4489, -31.6430**.

Distribution



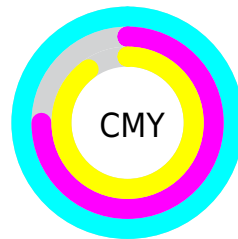
- Red (0%)
- Green (25%)
- Blue (10%)



- Red (0%)
- Yellow (18%)
- Blue (25%)



- Cyan (98%)
- Magenta (0%)
- Yellow (59%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.8310, -7.3117, -34.9318 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 40.8310, -7.3117, -34.9318 by changing the saturation by 10% instead.

■ 40.8310, -7.3117,
-34.9318

■ 40.8310, -7.3117,
-34.9318

■ 252.3090, 1.3267,
-5.5330

■ 24.1810, -11.4282,
-21.2067

■ 91.3540, -10.5275,
-30.1285

■ 10.5660, -5.2090,
-9.2664

■ 116.2400,
-10.9643, -30.0285

■ 0.0000, 0.0000,
0.0000

■ 142.7130,
-11.6905, -30.4433


■ 169.3000,
-11.9799, -30.9581


■ 196.7730,
-12.7061, -31.3729


■ 225.3600,


-12.9955, -31.8877


 240.4460, -6.6289,
-20.5621


 40.8310, -7.3117,
-34.9318


 40.8310, -7.3117,
-34.9318


 40.4180, -7.6011,
-35.4466

 43.0810, -6.4489,
-31.6430

 45.6300, -5.7336,
-27.7395

 47.8800, -4.8708,
-24.4508

 50.3150, -4.5923,
-20.4473

 52.5650, -3.7295,
-17.1585

■ 54.8150, -2.8668,
-13.8698

■ 57.3640, -2.1515,
-9.9662

■ 59.6140, -1.2887,
-6.6775

■ 62.1630, -0.5734,
-2.7740

Harmonies

Analogous

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



48.7180, -22.5390, -4.1377



40.8310, -7.3117, -34.9318



44.6700, 3.6137, -39.1756

Triad

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



40.8310, -7.3117, -34.9318



46.0160, 29.0791, -40.3560



51.8480, -9.2921, 40.4753

Complementary

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



40.8310, -7.3117, -34.9318



24.1690, 7.3117, 34.9318

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.



52.8230, 2.0593, 39.6202



40.8310, -7.3117, -34.9318



54.9990, 21.6925, -4.3841

Square

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



40.8310, -7.3117, -34.9318



48.6260, 23.8484, -42.6450



55.8840, 12.8752, 23.7807



52.3940, -20.9002, 30.3495

Rectangle

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



40.8310, -7.3117, -34.9318



46.6080, 11.0393, -40.8752



55.8840, 12.8752, 23.7807



51.8850, -5.3663, 41.3199

Sweetspot

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



40.8310, -7.3117, -34.9318



74.8150, -2.8668, -13.8698



49.6420, -23.9805, -8.4560



37.4890, -1.7201, -8.3219



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



40.8310, -7.3117, -34.9318



53.0700, -9.8945, -46.5424



44.3650, 6.2291, -38.0311



31.8750, -0.4314, -1.6444



61.2710, -11.4726, -53.7347



141.6340, -25.9486, -124.2130

Inverse Universe

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



24.1690, 7.3117, 34.9318



30.9300, 9.8945, 46.5424



20.6350, -6.2291, 38.0311



31.1250, 0.4314, 1.6444



35.6150, 11.0358, 53.8346



82.3660, 25.9486, 124.2130

Previews

White Background



This preview shows how the YUV color 40.8310, -7.3117, -34.9318 looks on a white background.

Color Contrast Check

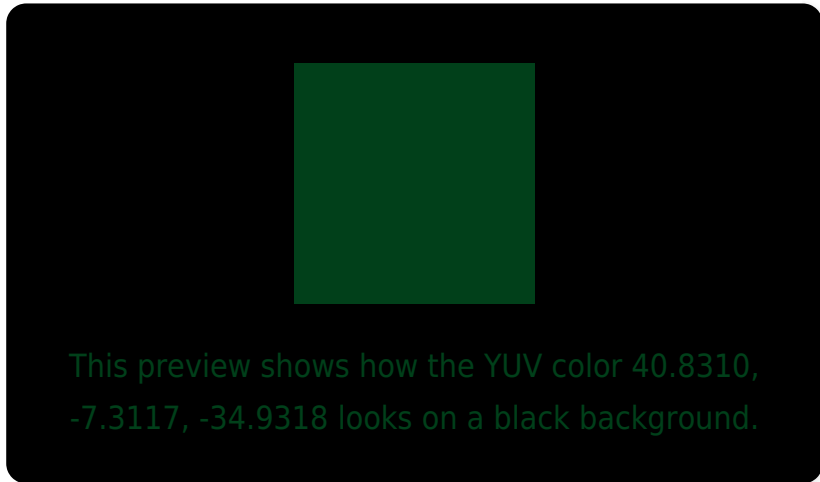
Large Text (above 18pt) WCAG AA ✓ Pass

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

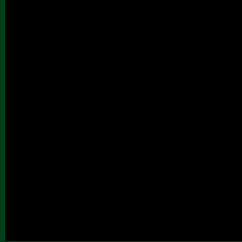
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.8310, -7.3117, -34.9318

Background



This preview shows how black text looks on a background with the YUV color 40.8310, -7.3117, -34.9318.



This preview shows how white text looks on a background with the YUV color 40.8310, -7.3117, -34.9318.

-34.9318.

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

40.8310, -7.3117, -34.9318

Protanopia

53.1460, -14.8620, 6.8880

Deuteranopia

53.8630, -12.2575, 11.5211



Tritanopia

50.1050, 7.3432, -22.0171

Trichromacy



Original Color

40.8310, -7.3117, -34.9318

Protanomaly

48.4430, -12.0504, -8.2815

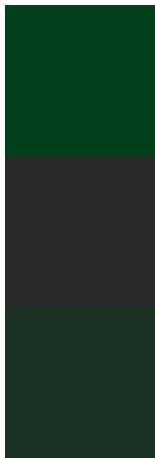
Deuteranomaly

48.9210, -10.3141, -5.1927

Tritanomaly

46.4050, 2.2653, -26.6652

Monochromacy



Original Color

40.8310, -7.3117, -34.9318

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.6410, -2.2880, -12.8402

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.8310, -7.3117, -34.9318 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(1, 64, 26)` looks like.

```
.text, #text, p{  
    color:rgb(1, 64, 26)  
}
```

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(1, 64, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 64, 26) }
```

Border

The CSS property to change the border of an element to YUV 40.8310, -7.3117, -34.9318 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(1, 64, 26) }
```


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

```
.border{ border-color:rgb(1, 64, 26) }
```

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

Here you see how a box with a 4 pixel rgb(1, 64, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 64, 26); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 64, 26); box-shadow:4px  
4px 4px 4px rgb(1, 64, 26) }
```

Background

The CSS property to change the background color of an element to YUV 40.8310, -7.3117, -34.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 64, 26) }
```

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

```
.background{ background-color: rgb(1, 64,  
26) }
```

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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