

Converting Colors

YUV(40.9790, -4.9196, -8.7516)

Have a look what the booklet for
YUV(40.9790, -4.9196, -8.7516)
contains.

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Color

**YUV(40.9790, -4.9196,
-8.7516)**

Conversions

Conversions Part 1

Format	Color
Hex	1F301F
RGB	31, 48, 31
RGB Percent	12%, 19%, 12%
CMY	0.8784, 0.8118, 0.8784
CMYK	0.35, 0.00, 0.35, 0.81
HSL	120°, 22%, 15%
HSV	120°, 35%, 19%
XYZ	1.8693, 2.5041, 1.6811
YIQ	40.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

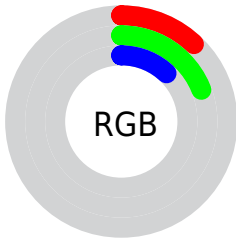
Format	Color
R_{YB}	31, 48, 48
Decimal	2043935
CIE _{Lab}	17.94, -11.32, 8.71
CIE _{LCh}	18, 14.281, 142.413
Yxy	2.5041, 0.3087, 0.4136
Android (android.graphics.Color)	4280234015 (0xFF1F301F)
YUV	40.9790, -4.9196, -8.7516
Hunter-Lab	15.8245, -6.6066, 4.7783

Details

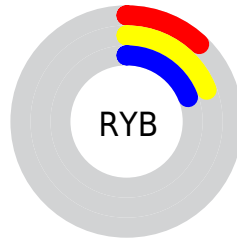
The YUV color **40.9790, -4.9196, -8.7516** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **38.0210, 4.9196, 8.7516**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.4520, -5.6458, -9.1664**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.9140, -6.3666, -11.3256**, and if you desaturate by 10%, it is **43.0440, -3.4727, -6.1776**.

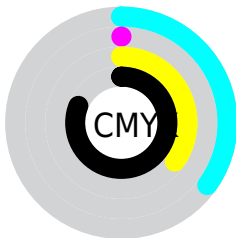
Distribution



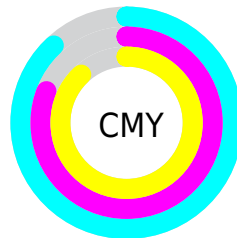
- Red (12%)
- Green (19%)
- Blue (12%)



- Red (12%)
- Yellow (19%)
- Blue (19%)



- Cyan (35%)
- Magenta (0%)
- Yellow (35%)
- Black (81%)



- Cyan (88%)
- Magenta (81%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.9790, -4.9196, -8.7516 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 40.9790, -4.9196, -8.7516 by changing the saturation by 10% instead.

■ 40.9790, -4.9196,
-8.7516

■ 40.9790, -4.9196,
-8.7516

255.0000, 0.0000,
0.0000

■ 19.3380, -6.0826,
-9.0664

■ 86.4520, -5.6458,
-9.1664

■ 0.0000, 0.0000,
0.0000

■ 111.0390, -5.9352,
-9.6812

■ 136.6260, -6.2246,
-10.1960

■ 162.6260, -6.2246,
-10.1960

■ 189.2130, -6.5140,
-10.7108

■ 217.2130, -6.5140,

-10.7108

■ 245.8000, -6.8034,
-11.2256

■ 40.9790, -4.9196,
-8.7516

■ 40.9790, -4.9196,
-8.7516

■ 38.9140, -6.3666,
-11.3256

■ 43.0440, -3.4727,
-6.1776

■ 36.8490, -7.8136,
-13.8996

■ 45.1090, -2.0257,
-3.6036

■ 35.1970, -8.9711,
-15.9588

■ 46.7610, -0.8682,
-1.5444

■ 33.1320, -10.4181,
-18.5328

■ 48.8260, 0.5788,
1.0296

■ 31.0670, -11.8650,
-21.1068

■ 50.8910, 2.0257,
3.6036

■ 29.0020, -13.3120,
-23.6808

■ 52.9560, 3.4727,
6.1776

■ 28.1760, -13.8908,
-24.7104

■ 55.0210, 4.9196,
8.7516

■ 56.6730, 6.0772,
10.8108

■ 58.7380, 7.5242,
13.3848

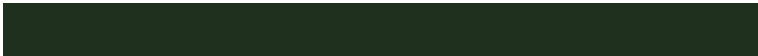
Harmonies

Analogous

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



42.7090, -8.7305, 0.2552



40.9790, -4.9196, -8.7516



38.8190, 1.0752, -18.2583

Triad

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



40.9790, -4.9196, -8.7516



41.7730, 10.9579, -14.7099



44.4860, -3.6906, 17.1138

Complementary

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



40.9790, -4.9196, -8.7516



38.0210, 4.9196, 8.7516

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.



45.0280, 0.9722, 14.8844



40.9790, -4.9196, -8.7516



44.0950, 9.3202, -2.7143

Square

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



40.9790, -4.9196, -8.7516



37.4080, 11.1379, -25.7908



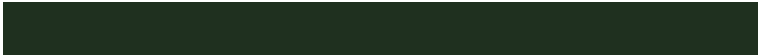
45.5370, 5.6513, 7.4221



44.3240, -8.0477, 14.6249

Rectangle

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



40.9790, -4.9196, -8.7516



36.9260, 5.4595, -24.4911



45.5370, 5.6513, 7.4221



44.8280, -2.3802, 16.8138

Sweetspot

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



40.9790, -4.9196, -8.7516



58.1090, -2.0257, -3.6036



46.0620, -7.4256, 1.6996



29.3480, -1.1576, -2.0592



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



40.9790, -4.9196, -8.7516



50.2620, -7.5242, -13.3848



41.8910, -1.4253, -9.5514



22.1740, -0.5788, -1.0296



51.0690, -25.1770, -44.7875



125.6180, -61.9297, -110.1670

Inverse Universe

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



38.0210, 4.9196, 8.7516



45.7380, 7.5242, 13.3848



36.9950, 0.9885, 9.6514



21.8260, 0.5788, 1.0296



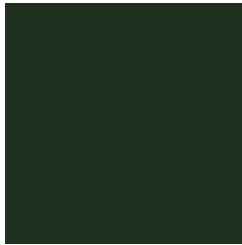
35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670

Previews

White Background



This preview shows how the YUV color 40.9790, -4.9196, -8.7516 looks on a white background.

Color Contrast Check

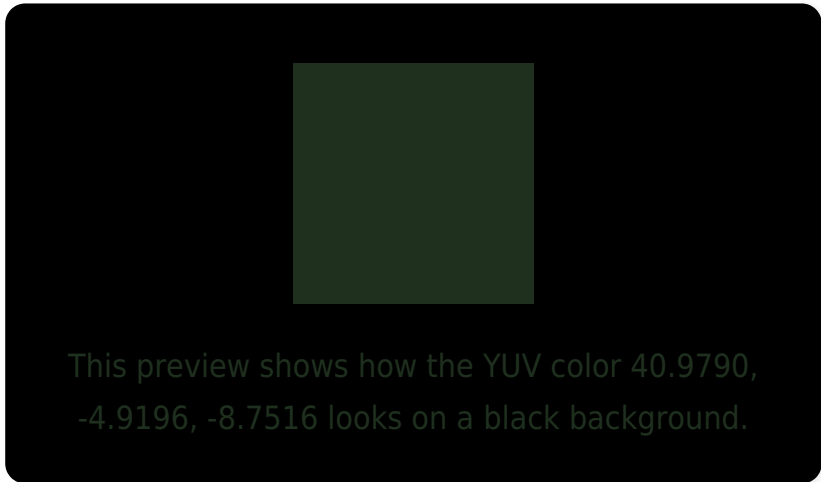
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.9790, -4.9196, -8.7516

Background



This preview shows how black text looks on a background with the YUV color 40.9790, -4.9196, -8.7516.



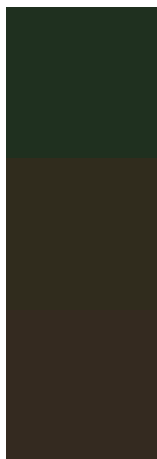
This preview shows how white text looks on a background with the YUV color 40.9790, -4.9196, -8.7516.

-8.7516.

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

40.9790, -4.9196, -8.7516

Protanopia

43.4860, -7.1416, 3.9588

Deuteranopia

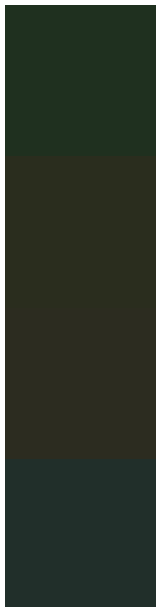
43.8500, -5.8421, 7.1475



Tritanopia

42.7540, 3.0793, -7.6773

Trichromacy



Original Color

40.9790, -4.9196, -8.7516

Protanomaly

42.3930, -6.1097, -0.3447

Deuteranomaly

42.6320, -5.2416, 1.1997

Tritanomaly

42.2440, -0.1203, -8.1070

Monochromacy



Original Color

40.9790, -4.9196, -8.7516

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1090, -2.0257, -3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.9790, -4.9196, -8.7516 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(31, 48, 31)` looks like.

```
.text, #text, p{  
    color:rgb(31, 48, 31)  
}
```

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(31, 48, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 48, 31) }
```

Border

The CSS property to change the border of an element to YUV 40.9790, -4.9196, -8.7516 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(31, 48, 31) }
```


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

```
.border{ border-color:rgb(31, 48, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 48, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 48, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 48, 31);  
box-shadow:4px 4px 4px 4px rgb(31, 48, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.9790, -4.9196, -8.7516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 48, 31) }
```

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

```
.background{ background-color: rgb(31, 48,  
31) }
```

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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