

Converting Colors

YUV(38.9790, -4.9196, -8.7516)

Have a look what the booklet for
YUV(38.9790, -4.9196, -8.7516)
contains.

YUV(38.9790, -4.9196, -8.7516)	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(38.9790, -4.9196,
-8.7516)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2E1D
RGB	29, 46, 29
RGB Percent	11%, 18%, 11%
CMY	0.8863, 0.8196, 0.8863
CMYK	0.37, 0.00, 0.37, 0.82
HSL	120°, 23%, 15%
HSV	120°, 37%, 18%
XYZ	1.7055, 2.3039, 1.5172
YIQ	38.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

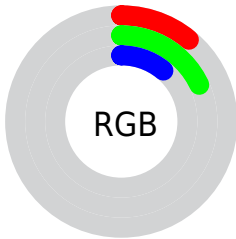
Format	Color
RYB	29, 46, 46
Decimal	1912349
CIELab	17.01, -11.37, 8.78
CIElCh	17, 14.370, 142.328
Yxy	2.3039, 0.3086, 0.4169
Android (android.graphics.Color)	4280102429 (0xFF1D2E1D)
YUV	38.9790, -4.9196, -8.7516
Hunter-Lab	15.1786, -6.5065, 4.6986

Details

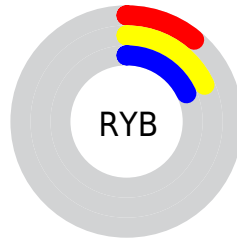
The YUV color **38.9790, -4.9196, -8.7516** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **36.0210, 4.9196, 8.7516**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.1530, -5.4984, -9.7812**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.9140, -6.3666, -11.3256**, and if you desaturate by 10%, it is **41.0440, -3.4727, -6.1776**.

Distribution



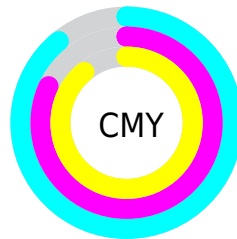
- Red (11%)
- Green (18%)
- Blue (11%)



- Red (11%)
- Yellow (18%)
- Blue (18%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (82%)



- Cyan (89%)
- Magenta (82%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.9790, -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 38.9790, -4.9196, -8.7516 by changing the saturation by 10% instead.

■ 38.9790, -4.9196,
-8.7516

■ 38.9790, -4.9196,
-8.7516

■ 255.0000, 0.0000,
0.0000

■ 17.5120, -6.6614,
-10.0960

■ 84.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 108.6260, -6.2246,
-10.1960

■ 133.6260, -6.2246,
-10.1960

■ 160.2130, -6.5140,
-10.7108

■ 187.2130, -6.5140,
-10.7108

■ 214.8000, -6.8034,

-11.2256

■ 242.8000, -6.8034,
-11.2256

■ 38.9790, -4.9196,
-8.7516

■ 38.9790, -4.9196,
-8.7516

■ 36.9140, -6.3666,
-11.3256

■ 41.0440, -3.4727,
-6.1776

■ 35.2620, -7.5242,
-13.3848

■ 42.6960, -2.3151,
-4.1184

■ 33.1970, -8.9711,
-15.9588

■ 44.7610, -0.8682,
-1.5444

■ 31.5450, -10.1287,
-18.0180

■ 46.4130, 0.2894,
0.5148

■ 29.4800, -11.5756,
-20.5920

■ 48.4780, 1.7363,
3.0888

■ 27.4150, -13.0226,
-23.1660

■ 50.5430, 3.1833,
5.6628

■ 27.0020, -13.3120,
-23.6808

■ 52.1950, 4.3409,
7.7220

■ 54.2600, 5.7878,
10.2960

■ 55.9120, 6.9454,
12.3552

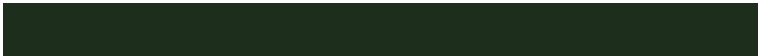
Harmonies

Analogous

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



40.7090, -8.7305, 0.2552



38.9790, -4.9196, -8.7516



36.8190, 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.



38.9790, -4.9196, -8.7516



39.4740, 11.1053, -15.3247



42.4860, -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.



38.9790, -4.9196, -8.7516



36.0210, 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.



43.0280, 0.9722, 14.8844



38.9790, -4.9196, -8.7516



42.0950, 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.



38.9790, -4.9196, -8.7516



35.1090, 11.2853, -26.4056



43.5370, 5.6513, 7.4221



42.3240, -8.0477, 14.6249

Rectangle

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



38.9790, -4.9196, -8.7516



34.6270, 5.6069, -25.1059



43.5370, 5.6513, 7.4221



42.8280, -2.3802, 16.8138

Sweetspot

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



38.9790, -4.9196, -8.7516



56.1090, -2.0257, -3.6036



44.0620, -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.



38.9790, -4.9196, -8.7516



48.2620, -7.5242, -13.3848



40.0050, -0.9885, -9.6514



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.



36.0210, 4.9196, 8.7516



43.7380, 7.5242, 13.3848



35.1090, 1.4253, 9.5514



21.8260, 0.5788, 1.0296



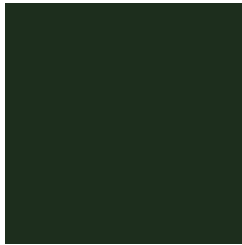
35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670

Previews

White Background



This preview shows how the YUV color 38.9790, -4.9196, -8.7516 looks on a white background.

Color Contrast Check

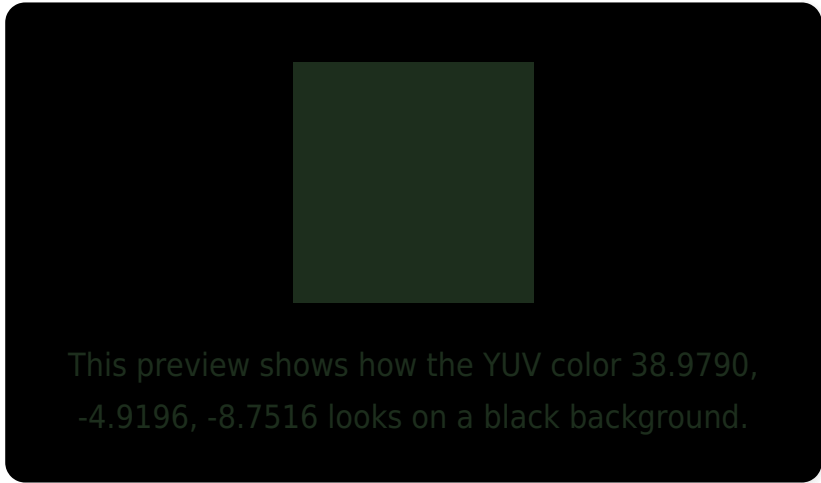
Large Text (above 18pt) WCAG AA ✓ Pass

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

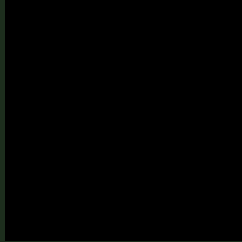
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.9790, -4.9196, -8.7516

Background



This preview shows how black text looks on a background with the YUV color 38.9790, -4.9196, -8.7516.



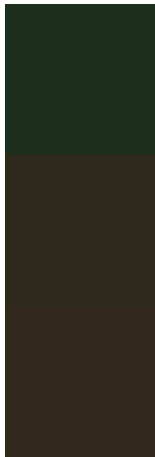
This preview shows how white text looks on a background with the YUV color 38.9790, -4.9196, -8.7516.

-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

38.9790, -4.9196, -8.7516

Protanopia

41.1870, -6.9942, 3.3440

Deuteranopia

41.8500, -5.8420, 7.1476



Tritanopia

41.0530, 2.9319, -7.0625

Trichromacy



Original Color

38.9790, -4.9196, -8.7516

Protanomaly

40.0940, -5.9623, -0.9594

Deuteranomaly

40.6320, -5.2416, 1.1997

Tritanomaly

40.5430, -0.2677, -7.4922

Monochromacy



Original Color

38.9790, -4.9196, -8.7516

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.1090, -2.0257, -3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.9790, -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(29, 46, 29)` looks like.

```
.text, #text, p{  
    color:rgb(29, 46, 29)  
}
```

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(29, 46, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 46, 29) }
```

Border

The CSS property to change the border of an element to YUV 38.9790, -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(29, 46, 29) }
```


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

```
.border{ border-color:rgb(29, 46, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 46, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 46, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 46, 29);  
box-shadow:4px 4px 4px 4px rgb(29, 46, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.9790, -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(29, 46, 29) }
```

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

```
.background{ background-color: rgb(29, 46,  
29) }
```

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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