

Converting Colors

YUV(39.4800, -8.1246, -7.4370)

Have a look what the booklet for
YUV(39.4800, -8.1246, -7.4370)
contains.

YUV(39.4800, -8.1246, -7.4370)	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(39.4800, -8.1246,
-7.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2F17
RGB	31, 47, 23
RGB Percent	12%, 18%, 9%
CMY	0.8784, 0.8157, 0.9098
CMYK	0.34, 0.00, 0.51, 0.82
HSL	100°, 34%, 14%
HSV	100°, 51%, 18%
XYZ	1.7362, 2.3862, 1.1797
YIQ	39.4800, -1.8320, -10.8560

Conversions

Conversions Part 2

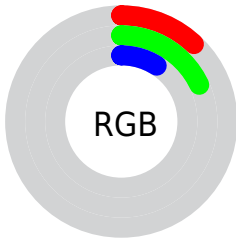
Format	Color
RYB	23, 47, 39
Decimal	2043671
CIELab	17.40, -12.27, 13.32
CIELCh	17, 18.110, 132.632
Yxy	2.3862, 0.3275, 0.4500
Android (android.graphics.Color)	4280233751 (0xFF1F2F17)
YUV	39.4800, -8.1246, -7.4370
Hunter-Lab	15.4473, -6.9698, 6.2853

Details

The YUV color **39.4800, -8.1246, -7.4370** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **30.5200, 8.1246, 7.4370**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.8390, -9.2876, -7.7518**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.0130, -9.8664, -8.7814**, and if you desaturate by 10%, it is **40.9470, -6.3829, -6.0925**.

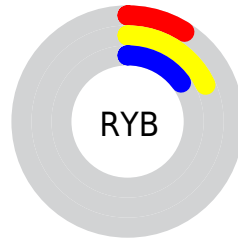
Distribution



Red (12%)

Green (18%)

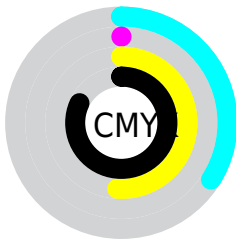
Blue (9%)



Red (9%)

Yellow (18%)

Blue (15%)

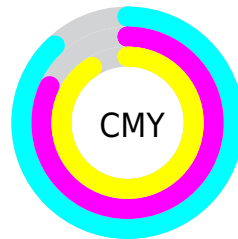


Cyan (34%)

Magenta (0%)

Yellow (51%)

Black (82%)



Cyan (88%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.4800, -8.1246, -7.4370 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 39.4800, -8.1246, -7.4370 by changing the saturation by 10% instead.

■ 39.4800, -8.1246,
-7.4370

■ 39.4800, -8.1246,
-7.4370

■ 254.4300, -2.1840,
0.4999

■ 18.8390, -9.2876,
-7.7518

■ 84.8390, -9.2876,
-7.7518

■ 0.0000, 0.0000,
0.0000

■ 109.4260, -9.5770,
-8.2666


■ 134.3120,
-10.0138, -8.1666


■ 160.8990,
-10.3032, -8.6814


■ 187.7850,
-10.7400, -8.5814


■ 215.3720,


-11.0294, -9.0962

 244.2580,
-11.4662, -8.9963


 39.4800, -8.1246,
-7.4370


 39.4800, -8.1246,
-7.4370


 38.0130, -9.8664,
-8.7814


 40.9470, -6.3829,
-6.0925


 36.6600, -11.1714,
-10.2258


 42.3000, -5.0779,
-4.6481

 35.1930, -12.9131,
-11.5703

 43.7670, -3.3361,
-3.3037

 33.4270, -14.5075,
-13.5295

 45.5330, -1.7418,
-1.3444

 32.3730, -15.9599,
-14.3591

 47.0000, 0.0000,
0.0000

■ 48.3530, 1.3050,
1.4444

■ 49.8200, 3.0467,
2.7889

■ 51.2870, 4.7885,
4.1333

■ 52.6400, 6.0935,
5.5777

Harmonies

Analogous

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



41.2210, -11.9410, 3.3142



39.4800, -8.1246, -7.4370



36.3410, -0.6611, -21.3471

Triad

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



39.4800, -8.1246, -7.4370



34.9390, 15.8061, -29.7645



43.1490, -2.5385, 20.9173

Complementary

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



39.4800, -8.1246, -7.4370



30.5200, 8.1246, 7.4370

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.



44.0220, 3.4402, 16.6437



39.4800, -8.1246, -7.4370



41.9740, 12.8308, -8.7472

Square

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



39.4800, -8.1246, -7.4370



35.6030, 12.0277, -31.2238



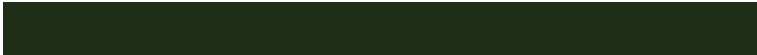
44.0360, 8.8563, 6.1074



42.9440, -8.3534, 19.3431

Rectangle

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



39.4800, -8.1246, -7.4370



33.6650, 4.6022, -29.5242



44.0360, 8.8563, 6.1074



43.6050, -0.7913, 20.5174

Sweetspot

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



39.4800, -8.1246, -7.4370



58.1800, -3.0467, -2.7889



39.5680, -8.1680, 6.5179



29.1200, -2.0312, -1.8592



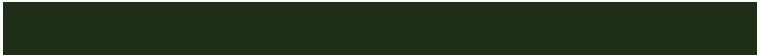
158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



39.4800, -8.1246, -7.4370



49.3070, -12.4764, -11.6702



37.5440, -5.1982, -12.7551



22.1740, -0.5788, -1.0296



59.7400, -29.4518, -26.9590



146.8470, -72.3956, -66.5178

Inverse Universe

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



30.5200, 8.1246, 7.4370



35.6930, 12.4764, 11.6702



32.4560, 5.1982, 12.7551



21.5270, 0.7262, 0.4148



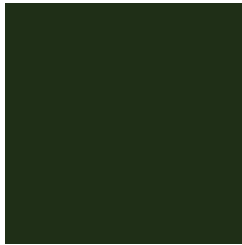
27.2600, 29.4518, 26.9590



67.1530, 72.3956, 66.5178

Previews

White Background



This preview shows how the YUV color 39.4800, -8.1246, -7.4370 looks on a white background.

Color Contrast Check

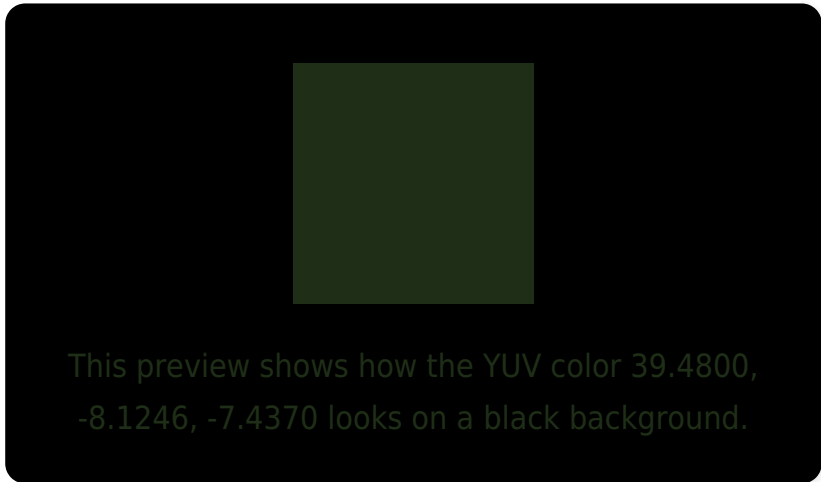
Large Text (above 18pt) WCAG AA ✓ Pass

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

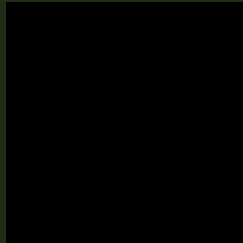
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.4800, -8.1246, -7.4370

Background



This preview shows how black text looks on a background with the YUV color 39.4800, -8.1246, -7.4370.



This preview shows how white text looks on a background with the YUV color 39.4800, -8.1246, -7.4370.

-7.4370.

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

39.4800, -8.1246, -7.4370

Protanopia

41.8020, -9.7624, 4.5586

Deuteranopia

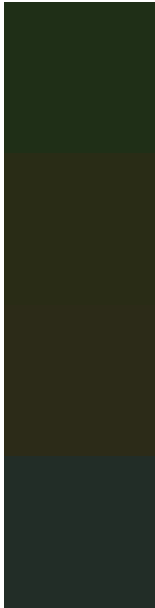
42.4650, -8.6102, 8.3622



Tritanopia

41.7650, 3.0739, -5.9329

Trichromacy



Original Color

39.4800, -8.1246, -7.4370

Protanomaly

40.5950, -9.1673, 0.3552

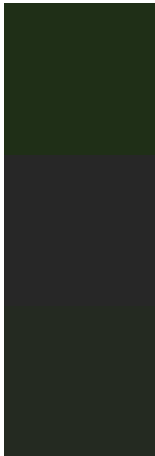
Deuteranomaly

41.1330, -8.4466, 2.5144

Tritanomaly

41.0270, -0.9993, -6.1627

Monochromacy



Original Color

39.4800, -8.1246, -7.4370

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.1800, -3.0467, -2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.4800, -8.1246, -7.4370 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, 47, 23)` looks like.

```
.text, #text, p{  
    color:rgb(31, 47, 23)  
}
```

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, 47, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 47, 23) }
```

Border

The CSS property to change the border of an element to YUV 39.4800, -8.1246, -7.4370 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, 47, 23) }
```


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

```
.border{ border-color:rgb(31, 47, 23) }
```

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

Here you see how a box with a 4 pixel rgb(31, 47, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 47, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 47, 23);  
box-shadow:4px 4px 4px 4px rgb(31, 47, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.4800, -8.1246, -7.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 47, 23) }
```

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

```
.background{ background-color: rgb(31, 47,  
23) }
```

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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