

Converting Colors

YUV(38.8680, -13.2459, 1.8698)

Have a look what the booklet for
YUV(38.8680, -13.2459, 1.8698)
contains.

YUV(38.8680, -13.2459, 1.8698)	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(38.8680, -13.2459,
1.8698)**

Conversions

Conversions Part 1

Format	Color
Hex	292B0C
RGB	41, 43, 12
RGB Percent	16%, 17%, 5%
CMY	0.8392, 0.8314, 0.9529
CMYK	0.05, 0.00, 0.72, 0.83
HSL	64°, 56%, 11%
HSV	64°, 72%, 17%
XYZ	1.8447, 2.2257, 0.6802
YIQ	38.8680, 8.7590, -10.0650

Conversions

Conversions Part 2

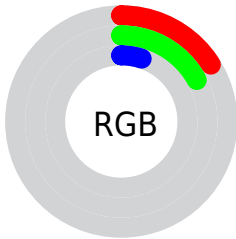
Format	Color
RYB	12, 43, 14
Decimal	2697996
CIELab	16.63, -6.28, 18.94
CIELCh	17, 19.956, 108.333
Yxy	2.2257, 0.3883, 0.4685
Android (android.graphics.Color)	4280888076 (0xFF292B0C)
YUV	38.8680, -13.2459, 1.8698
Hunter-Lab	14.9188, -4.0367, 7.7399

Details

The YUV color **38.8680, -13.2459, 1.8698** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.1320, 13.2459, -1.8698**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.9390, -14.2669, 2.6845**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.4120, -14.9931, 2.2697**, and if you desaturate by 10%, it is **39.3240, -11.4987, 1.4699**.

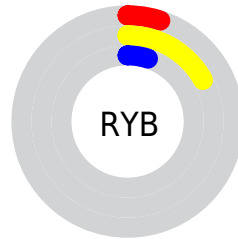
Distribution



Red (16%)

Green (17%)

Blue (5%)



Red (5%)

Yellow (17%)

Blue (5%)

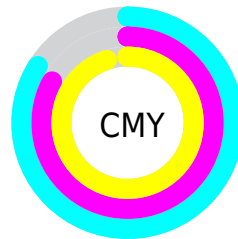


Cyan (5%)

Magenta (0%)

Yellow (72%)

Black (83%)



Cyan (84%)

Magenta (83%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.8680, -13.2459, 1.8698 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 38.8680, -13.2459, 1.8698 by changing the saturation by 10% instead.

■ 38.8680, -13.2459,
1.8698

■ 38.8680, -13.2459,
1.8698

■ 252.9480, -7.8624,
1.7996

■ 19.1820, -9.4567,
-0.1596

■ 83.9390, -14.2669,
2.6845

■ 0.0000, 0.0000,
0.0000

■ 108.8250,
-14.7037, 2.7845

■ 134.0100,
-15.2879, 3.4992

■ 159.8960,
-15.7247, 3.5992

■ 186.7820,
-16.1615, 3.6992

■ 214.6680,

-16.5983, 3.7992

■ 243.4400,
-17.4719, 3.9991

■ 38.8680, -13.2459,
1.8698

■ 38.8680, -13.2459,
1.8698

■ 38.4120, -14.9931,
2.2697

■ 39.3240, -11.4987,
1.4699

■ 37.5430, -17.0297,
2.1548

■ 40.1930, -9.4621,
1.5847

■ 37.2010, -18.3401,
2.4547

■ 40.6490, -7.7150,
1.1848

■ 41.1050, -5.9678,
0.7849

■ 41.6750, -3.7838,
0.2850

■ 42.4300, -2.1840,
0.4999

■ 42.8860, -0.4368,
0.1000

■ 43.3420, 1.3104,
-0.2999

■ 43.9120, 3.4944,
-0.7998

Harmonies

Analogous

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



39.7060, -14.1521, 12.5358



38.8680, -13.2459, 1.8698



36.5720, -7.6770, -11.0256

Triad

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



38.8680, -13.2459, 1.8698



34.6570, 13.4801, -30.3942



42.4030, 2.2663, 19.8176

Complementary

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



38.8680, -13.2459, 1.8698



16.1320, 13.2459, -1.8698

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.



42.6450, 8.5560, 9.0813



38.8680, -13.2459, 1.8698



33.6940, 17.4059, -29.5496

Square

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



38.8680, -13.2459, 1.8698



33.8760, 7.9491, -29.7093



41.0990, 13.2622, -7.1028



41.1170, -4.0017, 23.5764

Rectangle

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



38.8680, -13.2459, 1.8698



34.2870, -2.1135, -22.1767



41.0990, 13.2622, -7.1028



42.6630, 4.6031, 16.9585

Sweetspot

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



38.8680, -13.2459, 1.8698



54.3330, -5.0942, 0.5850



22.4430, -5.1484, 18.0285



27.2020, -3.0576, 0.6998



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



38.8680, -13.2459, 1.8698



49.5170, -20.9609, 3.0546



34.3830, -11.0348, -7.3519



19.7720, -0.8736, 0.2000



72.9290, -35.9540, 5.3243



183.6460, -90.5375, 12.5885

Inverse Universe

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



16.1320, 13.2459, -1.8698



13.4830, 20.9609, -3.0546



20.6170, 11.0348, 7.3519



18.2280, 0.8736, -0.2000



11.0710, 35.9540, -5.3243



28.3540, 90.5375, -12.5885

Previews

White Background



This preview shows how the YUV color 38.8680, -13.2459, 1.8698 looks on a white background.

Color Contrast Check

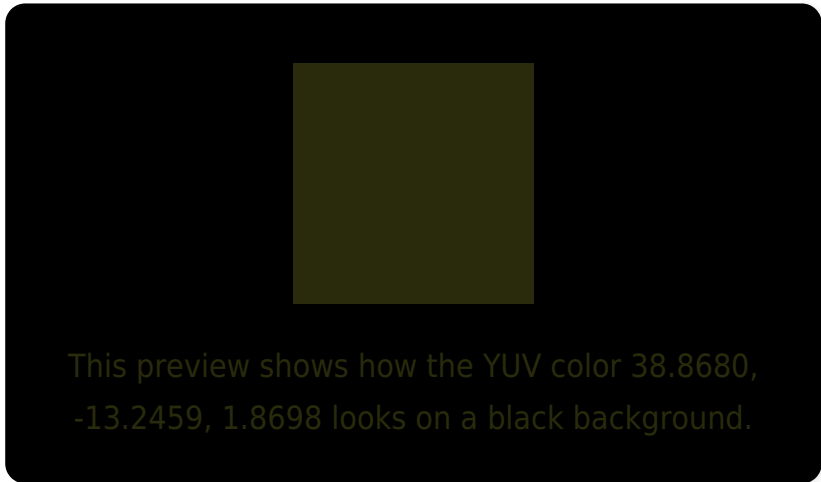
Large Text (above 18pt) WCAG AA ✓ Pass

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

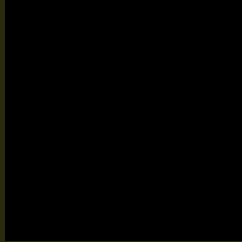
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

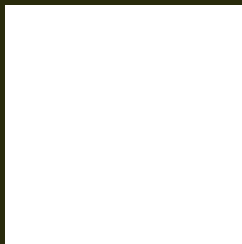
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 38.8680, -13.2459, 1.8698

Background



This preview shows how black text looks on a background with the YUV color 38.8680, -13.2459, 1.8698.

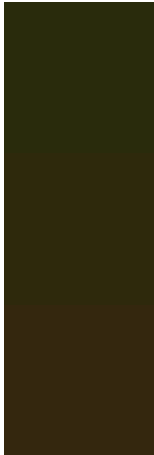


This preview shows how white text looks on a background with the YUV color 38.8680, -13.2459,

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

38.8680, -13.2459, 1.8698

Protanopia

39.1890, -13.4042, 5.9732

Deuteranopia

40.0370, -12.8362, 10.4916



Tritanopia

41.5380, 0.7208, 2.1592

Trichromacy



Original Color

38.8680, -13.2459, 1.8698

Protanomaly

39.1780, -13.3988, 4.2289

Deuteranomaly

39.3140, -12.9728, 7.6176

Tritanomaly

40.5720, -4.2260, 2.1294

Monochromacy



Original Color

38.8680, -13.2459, 1.8698

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.7460, -4.8048, 1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.8680, -13.2459, 1.8698 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(41, 43, 12)` looks like.

```
.text, #text, p{  
    color:rgb(41, 43, 12)  
}
```

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(41, 43, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 43, 12) }
```

Border

The CSS property to change the border of an element to YUV 38.8680, -13.2459, 1.8698 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(41, 43, 12) }
```


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

```
.border{ border-color:rgb(41, 43, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 43, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 43, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 43, 12);  
box-shadow:4px 4px 4px 4px rgb(41, 43, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.8680, -13.2459, 1.8698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 43, 12) }
```

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

```
.background{ background-color: rgb(41, 43,  
12) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor