

Converting Colors

YUV(38.2980, 1.3321, -7.2773)

Have a look what the booklet for
YUV(38.2980, 1.3321, -7.2773)
contains.

YUV(38.2980, 1.3321, -7.2773)	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(38.2980, 1.3321,
-7.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	1E2A29
RGB	30, 42, 41
RGB Percent	12%, 16%, 16%
CMY	0.8824, 0.8353, 0.8392
CMYK	0.29, 0.00, 0.02, 0.84
HSL	175°, 17%, 14%
HSV	175°, 29%, 16%
XYZ	1.7636, 2.0920, 2.4087
YIQ	38.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

Format	Color
RYB	30, 36, 42
Decimal	1976873
CIELab	15.96, -5.40, -1.04
CIElCh	16, 5.499, 190.850
Yxy	2.0920, 0.2815, 0.3340
Android (android.graphics.Color)	4280166953 (0xFF1E2A29)
YUV	38.2980, 1.3321, -7.2773
Hunter-Lab	14.4639, -3.5468, 0.2512

Details

The YUV color **38.2980, 1.3321, -7.2773** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33.7020, -1.3321, 7.2773**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.9990, 1.4795, -7.8921**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.1020, 1.9217, -9.7365**, and if you desaturate by 10%, it is **39.4940, 0.7425, -4.8182**.

Distribution



Red (12%)

Green (16%)

Blue (16%)



Red (12%)

Yellow (14%)

Blue (16%)

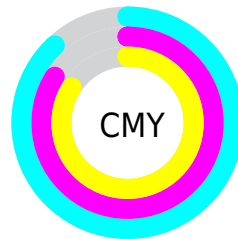


Cyan (29%)

Magenta (0%)

Yellow (2%)

Black (84%)



Cyan (88%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.2980, 1.3321, -7.2773 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 38.2980, 1.3321, -7.2773 by changing the saturation by 10% instead.

■ 38.2980, 1.3321,
-7.2773

■ 38.2980, 1.3321,
-7.2773

255.0000, 0.0000,
0.0000

■ 17.1020, 1.9217,
-9.7365

■ 82.9990, 1.4795,
-7.8921

■ 0.0000, 0.0000,
0.0000

■ 107.5860, 1.1901,
-8.4069

■ 132.7000, 1.6269,
-8.5069

■ 158.7000, 1.6269,
-8.5069

■ 185.4010, 1.7743,
-9.1217

■ 213.4010, 1.7743,

-9.1217

■ 241.9880, 1.4849,
-9.6365

■ 38.2980, 1.3321,
-7.2773

■ 38.2980, 1.3321,
-7.2773

■ 37.1020, 1.9217,
-9.7365

■ 39.4940, 0.7425,
-4.8182

■ 35.7920, 2.0745,
-12.0956

■ 40.8040, 0.5896,
-2.4591

■ 34.2970, 2.8116,
-15.1695

■ 42.2990, -0.1474,
0.6148

■ 33.1010, 3.4012,
-17.6286

■ 43.4950, -0.7370,
3.0739

■ 31.7910, 3.5540,
-19.9877

■ 44.8050, -0.8899,
5.4330

■ 30.5950, 4.1437,
-22.4468

■ 46.0010, -1.4795,
7.8921

■ 29.3990, 4.7333,
-24.9059

■ 47.1970, -2.0691,
10.3512

■ 29.1000, 4.8807,
-25.5207

■ 48.8060, -2.3694,
13.3251

■ 50.0020, -2.9590,
15.7842

Harmonies

Analogous

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



38.7390, -0.8573, -5.0331



38.2980, 1.3321, -7.2773



38.7540, 3.0793, -7.6773

Triad

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



38.2980, 1.3321, -7.2773



40.1080, 2.9048, 1.6593



39.9960, -3.9420, 4.3885

Complementary

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



38.2980, 1.3321, -7.2773



33.7020, -1.3321, 7.2773

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.



40.6480, -2.7845, 6.4477



38.2980, 1.3321, -7.2773



40.2610, 0.8573, 5.0331

Square

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



38.2980, 1.3321, -7.2773



39.9010, 3.4998, -2.5442



40.4030, -1.1847, 6.6626



39.3870, -3.6418, 1.4146

Rectangle

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



38.2980, 1.3321, -7.2773



38.5800, 3.6581, -6.6477



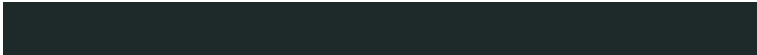
40.4030, -1.1847, 6.6626



39.8220, -3.3632, 5.4181

Sweetspot

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



38.2980, 1.3321, -7.2773



52.3910, 0.3002, -2.9739



37.3430, -3.6201, -5.5628



27.1030, 0.4422, -1.8443



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.



38.2980, 1.3321, -7.2773



48.0910, 1.9271, -11.4808



35.4770, 3.2158, -4.8033



19.4020, 0.2948, -1.2296



58.0860, 9.3246, -50.9414



146.5600, 23.3879, -128.5331

Inverse Universe

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



33.7020, -1.3321, 7.2773



40.9090, -1.9271, 11.4808



36.5230, -3.2158, 4.8033



18.7120, 0.1420, 1.1296



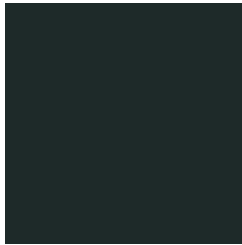
25.9140, -9.3246, 50.9414



65.4400, -23.3879, 128.5331

Previews

White Background



This preview shows how the YUV color 38.2980, 1.3321, -7.2773 looks on a white background.

Color Contrast Check

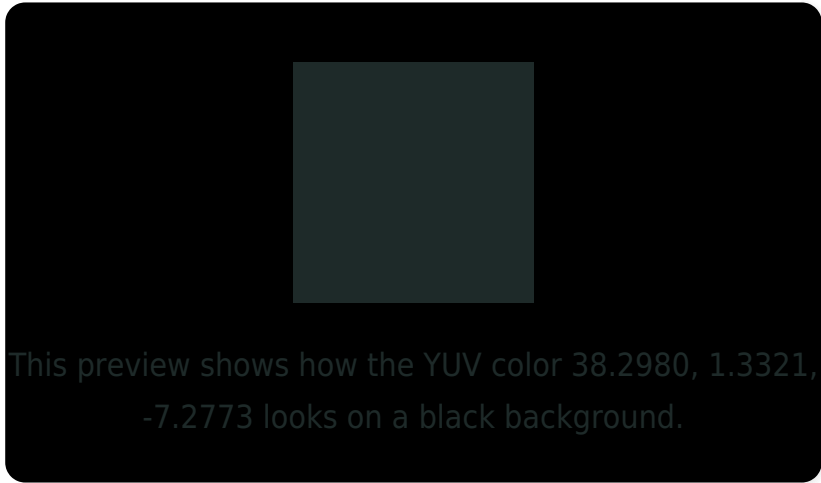
Large Text (above 18pt) WCAG AA ✓ Pass

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

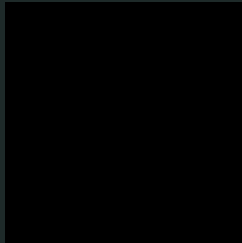
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

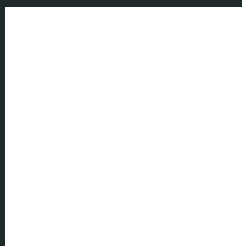
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 38.2980, 1.3321, -7.2773

Background



This preview shows how black text looks on a background with the YUV color 38.2980, 1.3321, -7.2773.



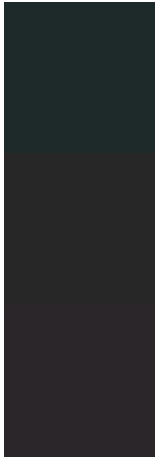
This preview shows how white text looks on a background with the YUV color 38.2980, 1.3321, -7.2773.

-7.2773.

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

38.2980, 1.3321, -7.2773

Protanopia

39.4130, 0.2894, 0.5148

Deuteranopia

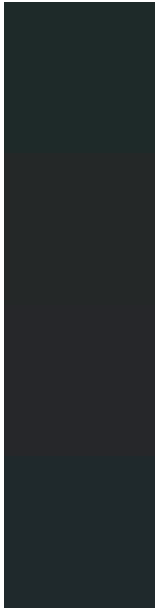
39.9510, 1.0102, 2.6740



Tritanopia

38.4660, 3.2213, -6.5477

Trichromacy



Original Color

38.2980, 1.3321, -7.2773

Protanomaly

38.8040, 0.5896, -2.4591

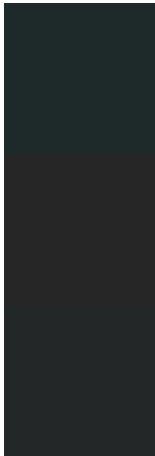
Deuteranomaly

39.0430, 1.4578, -0.9147

Tritanomaly

38.3520, 2.7845, -6.4477

Monochromacy



Original Color

38.2980, 1.3321, -7.2773

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2980, 1.3321, -7.2773 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(30, 42, 41)` looks like.

```
.text, #text, p{  
    color:rgb(30, 42, 41)  
}
```

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(30, 42, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 42, 41) }
```

Border

The CSS property to change the border of an element to YUV 38.2980, 1.3321, -7.2773 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(30, 42, 41) }
```


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

```
.border{ border-color:rgb(30, 42, 41) }
```

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

Here you see how a box with a 4 pixel rgb(30, 42, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 42, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 42, 41);  
box-shadow:4px 4px 4px 4px rgb(30, 42, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.2980, 1.3321, -7.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 42, 41) }
```

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

```
.background{ background-color: rgb(30, 42,  
41) }
```

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