

Converting Colors

YUV(33.8480, 4.0189, 17.6733)

Have a look what the booklet for
YUV(33.8480, 4.0189, 17.6733)
contains.

YUV(33.8480, 4.0189, 17.6733)	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(33.8480, 4.0189,
17.6733)**

Conversions

Conversions Part 1

Format	Color
Hex	36162A
RGB	54, 22, 42
RGB Percent	21%, 9%, 16%
CMY	0.7882, 0.9137, 0.8353
CMYK	0.00, 0.59, 0.22, 0.79
HSL	322°, 42%, 15%
HSV	322°, 59%, 21%
XYZ	2.2261, 1.5253, 2.3676
YIQ	33.8480, 12.6520, 13.0040

Conversions

Conversions Part 2

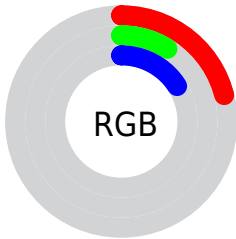
Format	Color
R_{YB}	54, 22, 42
Decimal	3544618
CIE Lab	12.77, 19.06, -6.22
CIE LCh	13, 20.048, 341.916
Yxy	1.5253, 0.3638, 0.2493
Android (android.graphics.Color)	4281734698 (0xFF36162A)
YUV	33.8480, 4.0189, 17.6733
Hunter-Lab	12.3501, 10.5625, -2.7210

Details

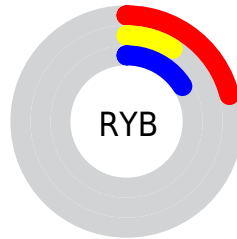
The YUV color **33.8480, 4.0189, 17.6733** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **42.1520, -4.0189, -17.6733**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.1580, 3.8661, 20.0324**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.6850, 4.5923, 20.4473**, and if you desaturate by 10%, it is **37.0110, 3.4456, 14.8994**.

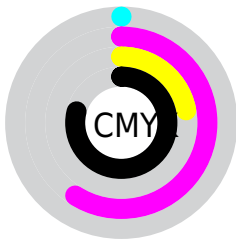
Distribution



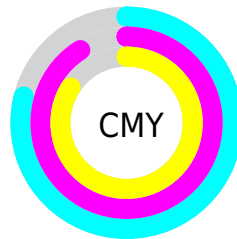
- Red (21%)
- Green (9%)
- Blue (16%)



- Red (21%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (59%)
- Yellow (22%)
- Black (79%)



- Cyan (79%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.8480, 4.0189, 17.6733 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 33.8480, 4.0189, 17.6733 by changing the saturation by 10% instead.

■ 33.8480, 4.0189,
17.6733

■ 33.8480, 4.0189,
17.6733

■ 252.6520, 1.1576,
2.0592

■ 12.6740, 4.5977,
18.7029

■ 79.1580, 3.8661,
20.0324

■ 0.0000, 0.0000,
0.0000

■ 103.5710, 4.1555,
20.5472

■ 129.1690, 3.8607,
21.7768

■ 154.8810, 4.0027,
22.9064

■ 181.8810, 4.0027,
22.9064

■ 209.5930, 4.1447,

24.0359

234.7170, 6.0555,
17.7882

33.8480, 4.0189,
17.6733

33.8480, 4.0189,
17.6733

30.6850, 4.5923,
20.4473

37.0110, 3.4456,
14.8994

26.9350, 5.4550,
23.7360

40.7610, 2.5828,
11.6106

23.7720, 6.0284,
26.5100

43.9240, 2.0095,
8.8367

20.0220, 6.8912,
29.7987

47.6740, 1.1467,
5.5479

50.8370, 0.5734,
2.7740

■ 54.0000, 0.0000,
0.0000

■ 57.7500, -0.8628,
-3.2887

■ 60.9130, -1.4361,
-6.0627

■ 64.6630, -2.2989,
-9.3515

Harmonies

Analogous

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



34.2640, 9.7298, 5.9075



33.8480, 4.0189, 17.6733



33.1600, -2.5439, 22.6617

Triad

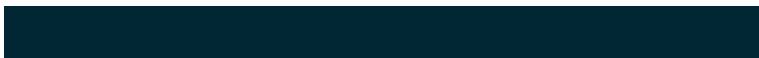
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.8480, 4.0189, 17.6733



31.0210, -15.2934, 5.2436



28.7070, 10.9904, -25.1760

Complementary

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



33.8480, 4.0189, 17.6733



42.1520, -4.0189, -17.6733

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.



27.8120, 5.0227, -24.3911



33.8480, 4.0189, 17.6733



29.0240, -9.8718, -7.0370

Square

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



33.8480, 4.0189, 17.6733



31.3750, -15.4679, 14.5801



25.6290, -0.8031, -22.4766



28.4450, 15.0636, -24.9463

Rectangle

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



33.8480, 4.0189, 17.6733



32.4220, -6.6170, 22.4319



25.6290, -0.8031, -22.4766



28.8380, 8.9539, -25.2909

Sweetspot

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



33.8480, 4.0189, 17.6733



63.5000, 1.7255, 6.5775



29.2360, 12.2087, 4.1780



30.9620, 1.0047, 4.4183



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



33.8480, 4.0189, 17.6733



39.4840, 6.1704, 27.6395



32.0240, -2.9698, 19.2730



26.1250, 0.4314, 1.6444



34.0060, 11.3360, 50.8607



81.0990, 27.5592, 120.9392

Inverse Universe

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



33.8480, 4.0189, 17.6733



39.4840, 6.1704, 27.6395



43.9760, 2.9698, -19.2730



26.1250, 0.4314, 1.6444



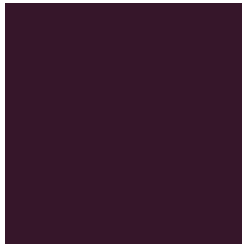
34.0060, 11.3360, 50.8607



81.0990, 27.5592, 120.9392

Previews

White Background



This preview shows how the YUV color 33.8480, 4.0189, 17.6733 looks on a white background.

Color Contrast Check

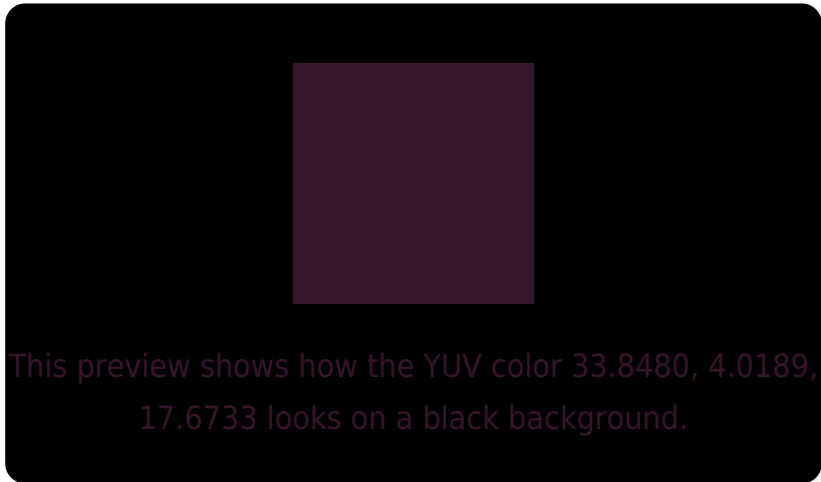
Large Text (above 18pt) WCAG AA ✓ Pass

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

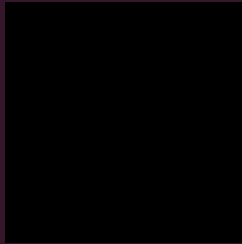
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.8480, 4.0189, 17.6733

Background



This preview shows how black text looks on a background with the YUV color 33.8480, 4.0189, 17.6733.



This preview shows how white text looks on a background with the YUV color 33.8480, 4.0189,

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

33.8480, 4.0189, 17.6733

Protanopia

33.4430, 8.1626, -4.7735

Deuteranopia

34.0970, 2.9102, -0.0851



Tritanopia

33.6000, -3.2538, 17.0138

Trichromacy



Original Color

33.8480, 4.0189, 17.6733

Protanomaly

33.4440, 6.6831, 3.1186

Deuteranomaly

33.9560, 3.4727, 6.1776

Tritanomaly

33.5830, -0.7804, 17.0287

Monochromacy



Original Color

33.8480, 4.0189, 17.6733

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.8480, 4.0189, 17.6733 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(54, 22, 42)` looks like.

```
.text, #text, p{  
    color:rgb(54, 22, 42)  
}
```

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(54, 22, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 22, 42) }
```

Border

The CSS property to change the border of an element to YUV 33.8480, 4.0189, 17.6733 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(54, 22, 42) }
```


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

```
.border{ border-color:rgb(54, 22, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 22, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 22, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 22, 42);  
box-shadow:4px 4px 4px 4px rgb(54, 22, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.8480, 4.0189, 17.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 22, 42) }
```

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

```
.background{ background-color: rgb(54, 22,  
42) }
```

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