

Converting Colors

YUV(33.8030, 8.9711, 15.9588)

Have a look what the booklet for
YUV(33.8030, 8.9711, 15.9588)
contains.

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Color

**YUV(33.8030, 8.9711,
15.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	341534
RGB	52, 21, 52
RGB Percent	20%, 8%, 20%
CMY	0.7961, 0.9176, 0.7961
CMYK	0.00, 0.60, 0.00, 0.80
HSL	300°, 42%, 14%
HSV	300°, 60%, 20%
XYZ	2.3042, 1.5143, 3.4197
YIQ	33.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

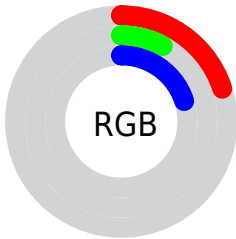
Format	Color
R _Y B	52, 21, 52
Decimal	3413300
CIE Lab	12.70, 21.01, -13.62
CIE LCh	13, 25.036, 327.042
Yxy	1.5143, 0.3183, 0.2092
Android (android.graphics.Color)	4281603380 (0xFF341534)
YUV	33.8030, 8.9711, 15.9588
Hunter-Lab	12.3058, 11.8877, -7.8620

Details

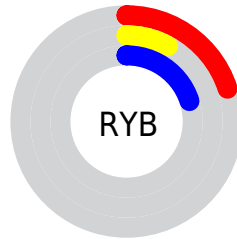
The YUV color **33.8030, 8.9711, 15.9588** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.1970, -8.9711, -15.9588**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.3410, 9.6919, 18.1179**, and **0.3420, 1.3104, -0.2999** is the 20% darker color. If you saturate the color by 10%, you get **30.8680, 10.4181, 18.5328**, and if you desaturate by 10%, it is **36.7380, 7.5242, 13.3848**.

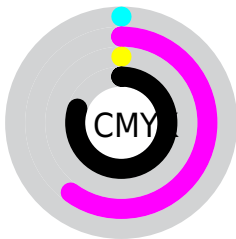
Distribution



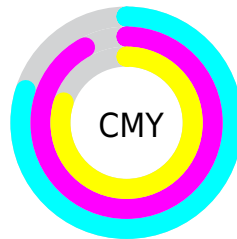
- Red (20%)
- Green (8%)
- Blue (20%)



- Red (20%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)
- Black (80%)



- Cyan (80%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.8030, 8.9711, 15.9588 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 33.8030, 8.9711, 15.9588 by changing the saturation by 10% instead.

■ 33.8030, 8.9711,
15.9588

■ 33.8030, 8.9711,
15.9588

■ 252.0650, 1.4470,
2.5740

■ 13.1020, 8.8237,
16.5735

■ 79.3410, 9.6919,
18.1179

■ 0.3420, 1.3104,
-0.2999

■ 103.7540, 9.9813,
18.6327

■ 0.0000, 0.0000,
0.0000

■ 129.0530, 9.8339,
19.2475

■ 154.8790, 10.4127,
20.2771

■ 182.2920, 10.7020,
20.7919

■ 209.7050, 10.9914,

21.3067

235.0420, 9.8393,
17.5032

33.8030, 8.9711,
15.9588

33.8030, 8.9711,
15.9588

30.8680, 10.4181,
18.5328

36.7380, 7.5242,
13.3848

27.9330, 11.8650,
21.1068

39.6730, 6.0772,
10.8108

24.4110, 13.6014,
24.1956

43.1950, 4.3409,
7.7220

21.4760, 15.0483,
26.7695

46.1300, 2.8939,
5.1480

49.0650, 1.4470,
2.5740

■ 52.0000, 0.0000,
0.0000

■ 54.9350, -1.4470,
-2.5740

■ 58.4570, -3.1833,
-5.6628

■ 61.3920, -4.6303,
-8.2368

Harmonies

Analogous

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



32.9900, 15.2879, -3.4992



33.8030, 8.9711, 15.9588



31.3330, 1.8078, 26.8950

Triad

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



33.8030, 8.9711, 15.9588



31.3530, -15.4570, 11.0914



29.5390, 9.1013, -25.9057

Complementary

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



33.8030, 8.9711, 15.9588



39.1970, -8.9711, -15.9588

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.



27.6010, 1.6757, -24.2061



33.8030, 8.9711, 15.9588



29.5040, -14.5455, -1.3190

Square

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



33.8030, 8.9711, 15.9588



30.8320, -15.2002, 22.0723



24.7450, -6.7763, -19.9474



29.9610, 15.7952, -26.2758

Rectangle

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



33.8030, 8.9711, 15.9588



31.2640, -3.5812, 28.7095



24.7450, -6.7763, -19.9474



28.9690, 6.9173, -25.4058

Sweetspot

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



33.8030, 8.9711, 15.9588



61.3690, 3.7621, 6.6924



24.5340, 13.5407, -3.0993



31.3040, 2.3151, 4.1184



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.



33.8030, 8.9711, 15.9588



39.6500, 14.4695, 25.7400



32.0930, 2.4192, 17.4584



24.2390, 0.8682, 1.5444



36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Inverse Universe

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



33.8030, 8.9711, 15.9588



39.6500, 14.4695, 25.7400



41.0210, -1.9824, -17.5584



24.2390, 0.8682, 1.5444



36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Previews

White Background



This preview shows how the YUV color 33.8030, 8.9711, 15.9588 looks on a white background.

Color Contrast Check

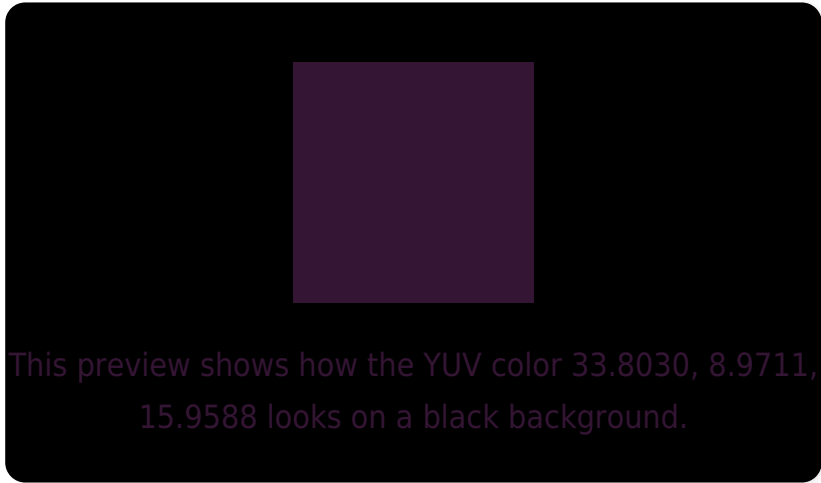
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.8030, 8.9711, 15.9588

Background



This preview shows how black text looks on a background with the YUV color 33.8030, 8.9711, 15.9588.



This preview shows how white text looks on a background with the YUV color 33.8030, 8.9711, 15.9588.

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

33.8030, 8.9711, 15.9588

Protanopia

31.9350, 15.3150, -12.2210

Deuteranopia

33.7310, 8.0206, -5.9031



Tritanopia

33.8060, -2.3694, 13.3251

Trichromacy



Original Color

33.8030, 8.9711, 15.9588

Protanomaly

32.7190, 12.9565, -2.3846

Deuteranomaly

33.6010, 8.5777, 2.1039

Tritanomaly

33.8430, 1.5564, 14.1697

Monochromacy



Original Color

33.8030, 8.9711, 15.9588

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.8030, 8.9711, 15.9588 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(52, 21, 52)` looks like.

```
.text, #text, p{  
    color:rgb(52, 21, 52)  
}
```

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(52, 21, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 21, 52) }
```

Border

The CSS property to change the border of an element to YUV 33.8030, 8.9711, 15.9588 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(52, 21, 52) }
```


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

```
.border{ border-color:rgb(52, 21, 52) }
```

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

Here you see how a box with a 4 pixel rgb(52, 21, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 21, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 21, 52);  
box-shadow:4px 4px 4px 4px rgb(52, 21, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.8030, 8.9711, 15.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 21, 52) }
```

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

```
.background{ background-color: rgb(52, 21,  
52) }
```

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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