

Converting Colors

YUV(68.3340, -33.6887,
-21.3409)

Have a look what the booklet for
YUV(68.3340, -33.6887, -21.3409)
contains.

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Color

**YUV(68.3340, -33.6887,
-21.3409)**

Conversions

Conversions Part 1

Format	Color
Hex	2C5E00
RGB	44, 94, 0
RGB Percent	17%, 37%, 0%
CMY	0.8275, 0.6314, 1.0000
CMYK	0.53, 0.00, 1.00, 0.63
HSL	92°, 100%, 18%
HSV	92°, 100%, 37%
XYZ	5.0414, 8.5409, 1.3828
YIQ	68.3340, 0.3740, -39.8340

Conversions

Conversions Part 2

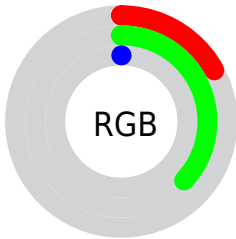
Format	Color
RYB	0, 94, 50
Decimal	2907648
CIELab	35.08, -32.33, 41.41
CIELCh	35, 52.540, 127.977
Yxy	8.5409, 0.3369, 0.5707
Android (android.graphics.Color)	4281097728 (0xFF2C5E00)
YUV	68.3340, -33.6887, -21.3409
Hunter-Lab	29.2248, -20.3513, 17.6519

Details

The YUV color **68.3340, -33.6887, -21.3409** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **25.6660, 33.6887, 21.3409**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.0890, -32.0889, -21.1261**, and **27.5890, -13.6014, -24.1956** is the 20% darker color. If you saturate the color by 10%, you get **68.3340, -33.6887, -21.3409**, and if you desaturate by 10%, it is **70.8550, -30.4945, -19.1668**.

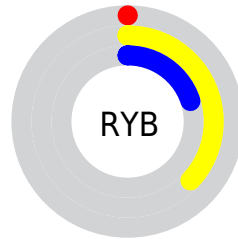
Distribution



Red (17%)

Green (37%)

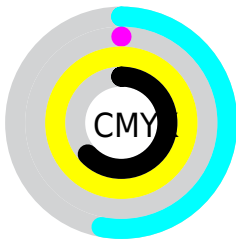
Blue (0%)



Red (0%)

Yellow (37%)

Blue (20%)

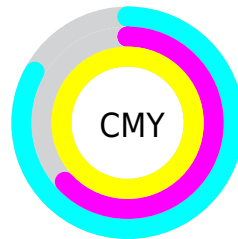


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (83%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3340, -33.6887, -21.3409 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 68.3340, -33.6887, -21.3409 by changing the saturation by 10% instead.

■ 68.3340, -33.6887,
-21.3409

■ 68.3340, -33.6887,
-21.3409

■ 253.6320, -5.2416,
1.1997

■ 46.1730, -22.7633,
-25.5847

■ 120.0890,
-32.0889, -21.1261

■ 27.5890, -13.6014,
-24.1956

■ 146.8610,
-32.9625, -20.9261

■ 15.2620, -7.5242,
-13.3848

■ 173.7470,
-33.3993, -20.8261

■ 0.0000, 0.0000,
0.0000


■ 201.2200,
-34.1255, -21.2409


■ 229.1060,
-34.5623, -21.1410

■ 240.8550,


-27.0435, -6.0118

 250.3260,
-17.9087, 4.0991


 68.3340, -33.6887,
-21.3409

 70.8550, -30.4945,
-19.1668

 73.4900, -26.8636,
-17.0927

 76.0110, -23.6694,
-14.9186

 78.6460, -20.0385,
-12.8445

 81.1670, -16.8443,
-10.6705

■ 83.6880, -13.6502,
-8.4964

■ 86.3230, -10.0192,
-6.4223

■ 88.8440, -6.8251,
-4.2482

■ 91.4790, -3.1941,
-2.1741

Harmonies

Analogous

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



76.5170, -37.7229, 12.7016



68.3340, -33.6887, -21.3409



63.6990, -7.2466, -55.8640

Triad

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



68.3340, -33.6887, -21.3409



74.1190, 42.8323, -65.0024



73.4510, -0.2223, 71.5185

Complementary

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



68.3340, -33.6887, -21.3409



25.6660, 33.6887, 21.3409

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.



80.2110, 17.1510, 52.4350



68.3340, -33.6887, -21.3409



68.2320, 48.1996, -59.8395

Square

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



68.3340, -33.6887, -21.3409



73.8620, 29.1550, -64.7770



84.4320, 31.8320, 10.1451



76.1900, -21.2927, 62.9774

Rectangle

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



68.3340, -33.6887, -21.3409



68.1790, 4.8418, -59.7930



84.4320, 31.8320, 10.1451



75.0360, 5.8983, 68.3744

Sweetspot

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



68.3340, -33.6887, -21.3409



112.2150, -12.9240, -8.0816



56.8690, -28.0364, 32.5639



54.9040, -7.8407, -5.1778



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



68.3340, -33.6887, -21.3409



88.6570, -43.7079, -27.7632



55.4060, -26.3292, -48.5911



44.5330, -1.7418, -1.3444



79.8190, -39.3508, -25.2743



172.3080, -84.9478, -53.7671

Inverse Universe

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



25.6660, 33.6887, 21.3409



33.3430, 43.7079, 27.7632



38.5940, 26.3292, 48.5911



42.4670, 1.7418, 1.3444



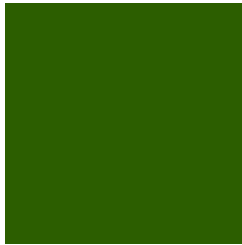
29.8820, 39.4982, 24.6595



64.6920, 84.9478, 53.7671

Previews

White Background



This preview shows how the YUV color 68.3340, -33.6887, -21.3409 looks on a white background.

Color Contrast Check

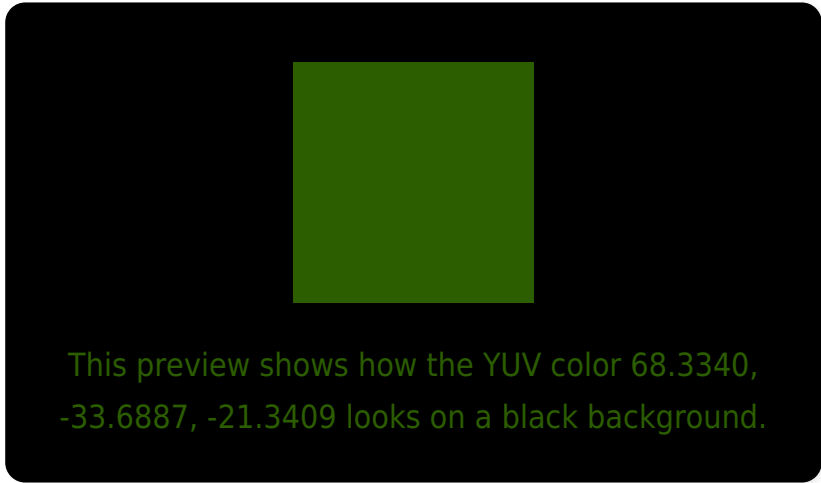
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.3340, -33.6887, -21.3409

Background



This preview shows how black text looks on a background with the YUV color 68.3340, -33.6887, -21.3409.

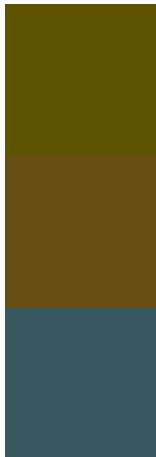


This preview shows how white text looks on a background with the YUV color 68.3340, -33.6887, -21.3409.

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



Protanopia

76.5280, -37.7283, 14.4459

Deuteranopia

79.0480, -29.6037, 21.8829

Tritanopia

78.8280, 7.4798, -19.1432

Trichromacy



Protanomaly

73.4940, -36.2325, 1.3208

Deuteranomaly

75.1940, -31.1546, 5.9689

Tritanomaly

75.2180, -7.5025, -20.3622

Monochromacy



Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7420, -12.1978, -7.6667

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3340, -33.6887, -21.3409 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(44, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(44, 94, 0)  
}
```

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(44, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 94, 0) }
```

Border

The CSS property to change the border of an element to YUV 68.3340, -33.6887, -21.3409 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(44, 94, 0) }
```

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

```
.border{ border-color:rgb(44, 94, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 94, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 94, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(44, 94, 0); box-shadow:4px  
4px 4px 4px rgb(44, 94, 0) }
```


Background

The CSS property to change the background color of an element to YUV 68.3340, -33.6887, -21.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 94, 0) }
```

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

```
.background{ background-color: rgb(44, 94,  
0) }
```

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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