

Converting Colors

YUV(33.1920, 5.3283, -29.1094)

Have a look what the booklet for
YUV(33.1920, 5.3283, -29.1094)
contains.

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Color

**YUV(33.1920, 5.3283,
-29.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	00302C
RGB	0, 48, 44
RGB Percent	0%, 19%, 17%
CMY	1.0000, 0.8118, 0.8275
CMYK	1.00, 0.00, 0.08, 0.81
HSL	175°, 100%, 9%
HSV	175°, 100%, 19%
XYZ	1.5116, 2.2958, 2.7463
YIQ	33.1920, -27.3240, -11.4200

Conversions

Conversions Part 2

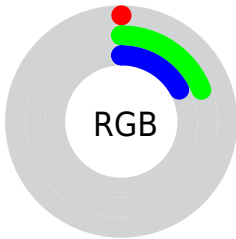
Format	Color
RYB	0, 25, 48
Decimal	12332
CIELab	16.97, -16.37, -1.81
CIElCh	17, 16.468, 186.315
Yxy	2.2958, 0.2306, 0.3503
Android (android.graphics.Color)	4278202412 (0xFF00302C)
YUV	33.1920, 5.3283, -29.1094
Hunter-Lab	15.1517, -8.7080, -0.1404

Details

The YUV color **33.1920, 5.3283, -29.1094** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.8080, -5.3283, 29.1094**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.5730, 4.1545, -25.9355**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.1920, 5.3283, -29.1094**, and if you desaturate by 10%, it is **34.6870, 4.5913, -26.0355**.

Distribution



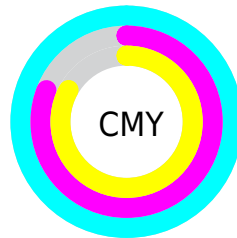
- Red (0%)
- Green (19%)
- Blue (17%)



- Red (0%)
- Yellow (10%)
- Blue (19%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (81%)



- Cyan (100%)
- Magenta (81%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.1920, 5.3283, -29.1094 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 33.1920, 5.3283, -29.1094 by changing the saturation by 10% instead.

■ 33.1920, 5.3283,
-29.1094

■ 33.1920, 5.3283,
-29.1094

■ 249.6180, 2.6533,
-11.0660

■ 19.0580, 1.9434,
-16.7139

■ 80.5730, 4.1545,
-25.9355

■ 0.0000, 0.0000,
0.0000

■ 105.5730, 4.1545,
-25.9355

■ 131.1600, 3.8651,
-26.4503

■ 157.8610, 4.0125,
-27.0651

■ 184.5620, 4.1599,
-27.6799

■ 212.2630, 4.3073,

-28.2947

■ 240.2630, 4.3073,
-28.2947

■ 33.1920, 5.3283,
-29.1094

■ 34.6870, 4.5913,
-26.0355

■ 36.2960, 4.2911,
-23.0616

■ 37.4920, 3.7014,
-20.6025

■ 39.1010, 3.4012,
-17.6286

■ 40.5960, 2.6642,
-14.5547

■ 42.0910, 1.9271,
-11.4808

■ 43.7000, 1.6269,
-8.5069

■ 44.8960, 1.0373,
-6.0478

■ 46.5050, 0.7370,
-3.0739

Harmonies

Analogous

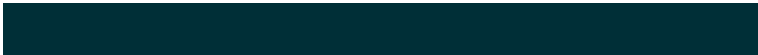
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.9180, -2.4246, -15.7141



33.1920, 5.3283, -29.1094



33.8590, 10.4225, -29.6943

Triad

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



33.1920, 5.3283, -29.1094



43.0140, 8.8671, 2.6187



41.6290, -10.6631, 13.4804

Complementary

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



33.1920, 5.3283, -29.1094



14.8080, -5.3283, 29.1094

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.



41.9870, -6.8956, 18.4284



33.1920, 5.3283, -29.1094



43.5270, 4.1772, 13.5698

Square

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



33.1920, 5.3283, -29.1094



40.4360, 12.1101, -10.9064



42.4800, -1.2226, 18.8730



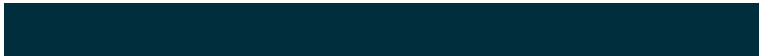
40.7590, -11.2202, 5.4734

Rectangle

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



33.1920, 5.3283, -29.1094



33.9560, 13.3327, -29.7794



42.4800, -1.2226, 18.8730



41.6940, -9.2161, 16.0544

Sweetspot

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



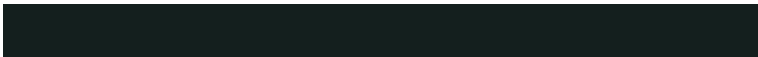
33.1920, 5.3283, -29.1094



55.5040, 2.2165, -10.9660



29.3720, -14.4804, -22.2512



27.5970, 1.1847, -6.6626



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



33.1920, 5.3283, -29.1094



42.1910, 6.8078, -37.0015



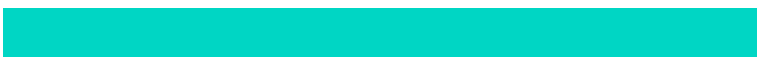
21.9080, 12.8634, -19.2133



22.4020, 0.2948, -1.2296



60.0750, 9.3300, -52.6858



147.9620, 23.6827, -129.7627

Inverse Universe

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



14.8080, -5.3283, 29.1094



18.8090, -6.8078, 37.0015



26.0920, -12.8634, 19.2133



21.5980, -0.2948, 1.2296



26.8110, -9.7668, 52.7858



66.0380, -23.6827, 129.7627

Previews

White Background



This preview shows how the YUV color 33.1920, 5.3283, -29.1094 looks on a white background.

Color Contrast Check

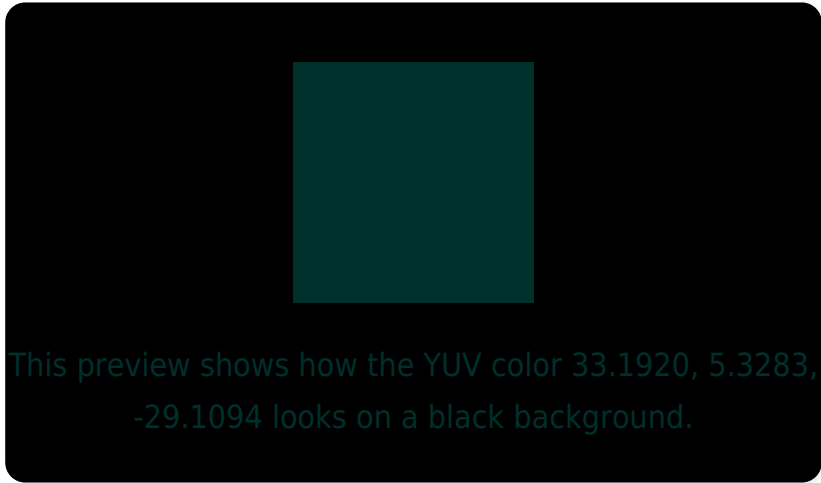
Large Text (above 18pt) WCAG AA ✓ Pass

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

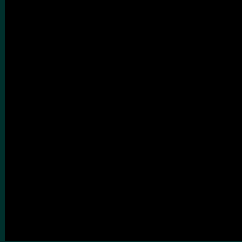
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

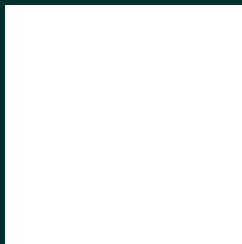
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 33.1920, 5.3283, -29.1094

Background



This preview shows how black text looks on a background with the YUV color 33.1920, 5.3283, -29.1094.



This preview shows how white text looks on a background with the YUV color 33.1920, 5.3283, -29.1094.

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

42.4840, -0.7316, 1.3295

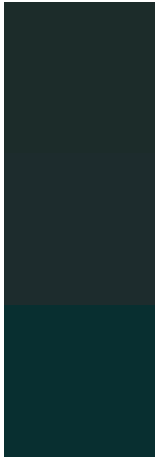
Deuteranopia

42.6520, 1.1576, 2.0592

Tritanopia

36.9910, 6.9064, -21.9171

Trichromacy



Protanomaly

38.9880, 1.4849, -9.6365

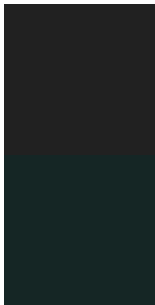
Deuteranomaly

39.6290, 2.6479, -9.3216

Tritanomaly

35.4530, 6.1857, -24.0763

Monochromacy



Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.8030, 2.0691, -10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.1920, 5.3283, -29.1094 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(0, 48, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 44)  
}
```

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(0, 48, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 44) }
```

Border

The CSS property to change the border of an element to YUV 33.1920, 5.3283, -29.1094 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(0, 48, 44) }
```

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

```
.border{ border-color:rgb(0, 48, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 48, 44); box-shadow:4px  
4px 4px 4px rgb(0, 48, 44) }
```


Background

The CSS property to change the background color of an element to YUV 33.1920, 5.3283, -29.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 44) }
```

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

```
.background{ background-color: rgb(0, 48,  
44) }
```

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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