

Converting Colors

YUV(29.8050, -0.8899, 5.4330)

Have a look what the booklet for
YUV(29.8050, -0.8899, 5.4330)
contains.

YUV(29.8050, -0.8899, 5.4330)	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(29.8050, -0.8899,
5.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	241B1C
RGB	36, 27, 28
RGB Percent	14%, 11%, 11%
CMY	0.8588, 0.8941, 0.8902
CMYK	0.00, 0.25, 0.22, 0.86
HSL	353°, 14%, 12%
HSV	353°, 25%, 14%
XYZ	1.3291, 1.2428, 1.2684
YIQ	29.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

Format	Color
R_YB	36, 27, 28
Decimal	2366236
CIE Lab	10.87, 4.64, 0.99
CIE LCh	11, 4.748, 12.009
Yxy	1.2428, 0.3461, 0.3236
Android (android.graphics.Color)	4280556316 (0xFF241B1C)
YUV	29.8050, -0.8899, 5.4330
Hunter-Lab	11.1480, 1.7722, 1.0575




Details

The YUV color **29.8050, -0.8899, 5.4330** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33.1950, 0.8899, -5.4330**, and the grayscale version is **30.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **73.4030, -1.1847, 6.6626**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.1150, -1.0427, 7.7921**, and if you desaturate by 10%, it is **32.4950, -0.7370, 3.0739**.

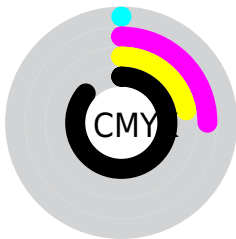
Distribution







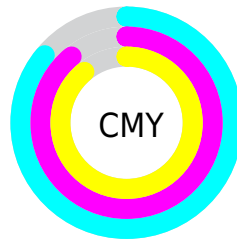
-  Red (14%)
-  Green (11%)
-  Blue (11%)






-  Red (14%)
-  Yellow (11%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (22%)
-  Black (86%)



-  Cyan (86%)
-  Magenta (89%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.8050, -0.8899, 5.4330 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 29.8050, -0.8899, 5.4330 by changing the saturation by 10% instead.

■ 29.8050, -0.8899,
5.4330

■ 29.8050, -0.8899,
5.4330

■ 255.0000, 0.0000,
0.0000

■ 4.8980, -1.9217,
9.7365

■ 73.4030, -1.1847,
6.6626

■ 0.0000, 0.0000,
0.0000

■ 97.4030, -1.1847,
6.6626

■ 121.8160, -0.8953,
7.1774

■ 147.7020, -1.3321,
7.2773

■ 174.7020, -1.3321,
7.2773

■ 202.0010, -1.4795,

7.8921

■ 230.0010, -1.4795,
7.8921

■ 29.8050, -0.8899,
5.4330

■ 29.8050, -0.8899,
5.4330

■ 27.1150, -1.0427,
7.7921

■ 32.4950, -0.7370,
3.0739

■ 25.0120, -1.4849,
9.6365

■ 34.5980, -0.2948,
1.2296

■ 22.2080, -2.0745,
12.0956

■ 37.4020, 0.2948,
-1.2296

■ 20.1050, -2.5168,
13.9399

■ 39.5050, 0.7370,
-3.0739

■ 17.4150, -2.6696,
16.2990

■ 42.1950, 0.8899,
-5.4330

■ 14.7250, -2.8224,
18.6582

■ 44.8850, 1.0427,
-7.7921

■ 12.6220, -3.2646,
20.5025

■ 46.9880, 1.4849,
-9.6365

■ 11.2200, -3.5595,
21.7321

■ 49.7920, 2.0745,
-12.0956

■ 51.8950, 2.5168,
-13.9399

Harmonies

Analogous

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



29.8480, 0.5679, 4.5183



29.8050, -0.8899, 5.4330



29.4630, -2.2003, 5.7329

Triad

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



29.8050, -0.8899, 5.4330



28.4190, -2.1786, -1.2445



28.4770, 3.2158, -4.8033

Complementary

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



29.8050, -0.8899, 5.4330



33.1950, 0.8899, -5.4330

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.



28.2380, 2.3477, -6.3477



29.8050, -0.8899, 5.4330



28.1520, -0.5679, -4.5183

Square

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



29.8050, -0.8899, 5.4330



28.6150, -2.7682, 1.2146



27.8960, 1.0373, -6.0478



29.0860, 2.9156, -1.8294

Rectangle

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



29.8050, -0.8899, 5.4330



29.3380, -2.6316, 4.0886



27.8960, 1.0373, -6.0478



28.1780, 3.3632, -5.4181

Sweetspot

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



29.8050, -0.8899, 5.4330



43.3100, -0.1528, 2.3591



30.4180, 2.7519, 4.0184



21.5980, -0.2948, 1.2296



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



29.8050, -0.8899, 5.4330



36.4140, -1.1901, 8.4069



31.4520, -2.1948, 3.9886



16.5980, -0.2948, 1.2296



25.5440, -8.1562, 49.5119



65.1130, -20.7617, 126.1889

Inverse Universe

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



29.8050, -0.8899, 5.4330



36.4140, -1.1901, 8.4069



31.5480, 2.1948, -3.9886



16.5980, -0.2948, 1.2296



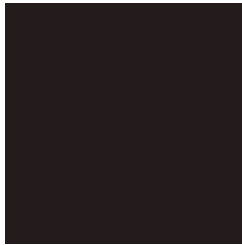
25.5440, -8.1562, 49.5119



65.1130, -20.7617, 126.1889

Previews

White Background



This preview shows how the YUV color 29.8050, -0.8899, 5.4330 looks on a white background.

Color Contrast Check

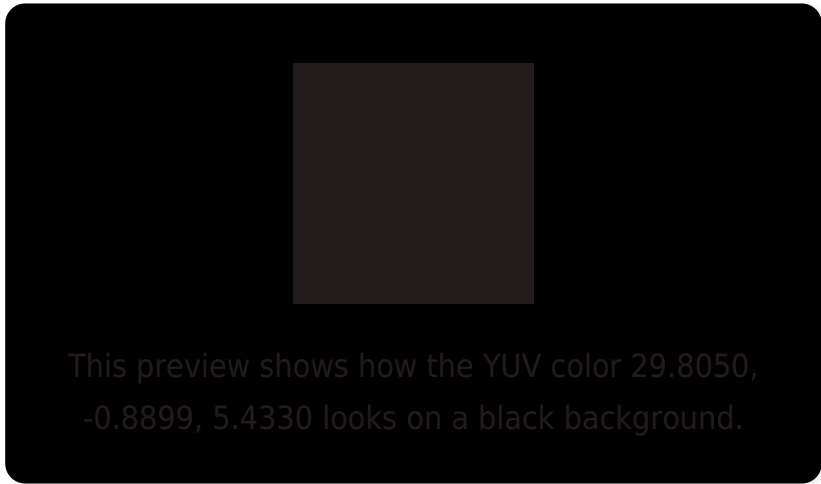
Large Text (above 18pt) WCAG AA ✓ Pass

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

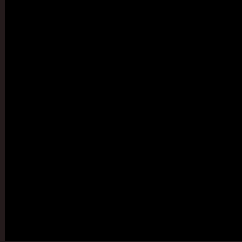
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.8050, -0.8899, 5.4330

Background



This preview shows how black text looks on a background with the YUV color 29.8050, -0.8899, 5.4330.

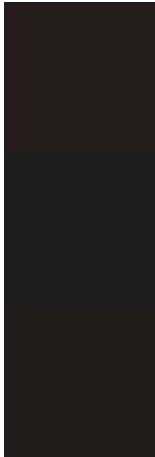


This preview shows how white text looks on a background with the YUV color 29.8050, -0.8899,

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

29.8050, -0.8899, 5.4330

Protanopia

29.2990, -0.1474, 0.6148

Deuteranopia

29.4950, -0.7370, 3.0739



Tritanopia

29.9190, -0.4531, 5.3330

Trichromacy



Original Color

29.8050, -0.8899, 5.4330

Protanomaly

29.3100, -0.1528, 2.3591

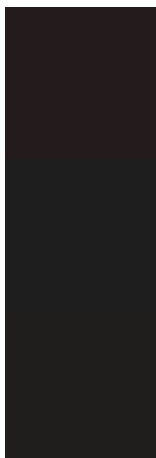
Deuteranomaly

29.7940, -0.8844, 3.6887

Tritanomaly

29.9190, -0.4531, 5.3330

Monochromacy



Original Color

29.8050, -0.8899, 5.4330

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.8050, -0.8899, 5.4330 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(36, 27, 28)` looks like.

```
.text, #text, p{  
    color:rgb(36, 27, 28)  
}
```

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(36, 27, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 27, 28) }
```

Border

The CSS property to change the border of an element to YUV 29.8050, -0.8899, 5.4330 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(36, 27, 28) }
```


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

```
.border{ border-color:rgb(36, 27, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 27, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 27, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 27, 28);  
box-shadow:4px 4px 4px 4px rgb(36, 27, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.8050, -0.8899, 5.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 27, 28) }
```

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

```
.background{ background-color: rgb(36, 27,  
28) }
```

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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