

Converting Colors

YUV(33.6810, -2.8007, 11.6808)

Have a look what the booklet for
YUV(33.6810, -2.8007, 11.6808)
contains.

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Color

**YUV(33.6810, -2.8007,
11.6808)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1C1C
RGB	47, 28, 28
RGB Percent	18%, 11%, 11%
CMY	0.8157, 0.8902, 0.8902
CMYK	0.00, 0.40, 0.40, 0.82
HSL	0°, 25%, 15%
HSV	0°, 40%, 18%
XYZ	1.7971, 1.5187, 1.2970
YIQ	33.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

Format	Color
R_{YB}	47, 28, 28
Decimal	3087388
CIE Lab	12.73, 9.38, 3.85
CIE LCh	13, 10.144, 22.317
Yxy	1.5187, 0.3896, 0.3292
Android (android.graphics.Color)	4281277468 (0xFF2F1C1C)
YUV	33.6810, -2.8007, 11.6808
Hunter-Lab	12.3235, 4.4647, 2.3863

Details

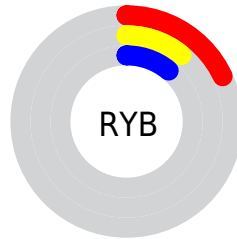
The YUV color **33.6810, -2.8007, 11.6808** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.3190, 2.8007, -11.6808**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.4640, -3.6798, 13.6251**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.1760, -3.5378, 14.7546**, and if you desaturate by 10%, it is **37.1860, -2.0637, 8.6069**.

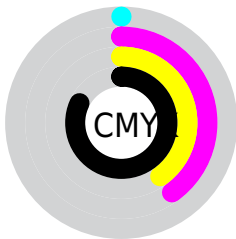
Distribution



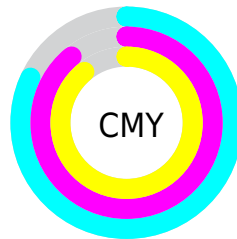
- Red (18%)
- Green (11%)
- Blue (11%)



- Red (18%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (82%)



- Cyan (82%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.6810, -2.8007, 11.6808 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 33.6810, -2.8007, 11.6808 by changing the saturation by 10% instead.

■ 33.6810, -2.8007,
11.6808

■ 33.6810, -2.8007,
11.6808

■ 255.0000, 0.0000,
0.0000

■ 9.6600, -4.2694,
16.0842

■ 78.4640, -3.6798,
13.6251

■ 0.0000, 0.0000,
0.0000

■ 102.1760, -3.5378,
14.7546

■ 127.4750, -3.6852,
15.3694

■ 153.3610, -4.1220,
15.4694

■ 180.0730, -3.9800,
16.5990

■ 207.9590, -4.4168,

16.6990

■ 235.9590, -4.4168,
16.6990

■ 33.6810, -2.8007,
11.6808

■ 33.6810, -2.8007,
11.6808

■ 30.1760, -3.5378,
14.7546

■ 37.1860, -2.0637,
8.6069

■ 27.3720, -4.1274,
17.2138

■ 39.9900, -1.4741,
6.1478

■ 23.8670, -4.8644,
20.2876

■ 43.4950, -0.7370,
3.0739

■ 20.3620, -5.6015,
23.3615

■ 47.0000, 0.0000,
0.0000

■ 17.5580, -6.1911,
25.8206

■ 50.5050, 0.7370,
-3.0739

■ 14.0530, -6.9281,
28.8945

■ 53.3090, 1.3267,
-5.5330

■ 56.8140, 2.0637,
-8.6069

■ 60.3190, 2.8007,
-11.6808

■ 63.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



34.1800, 0.4043, 10.3661



33.6810, -2.8007, 11.6808



33.5730, -5.7055, 10.0215

Triad

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



33.6810, -2.8007, 11.6808



31.0440, -3.4727, -6.1776



31.5950, 7.5947, -9.2918

Complementary

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



33.6810, -2.8007, 11.6808



41.3190, 2.8007, -11.6808

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.



29.7360, 7.0322, -15.5545



33.6810, -2.8007, 11.6808



30.0370, 0.4748, -12.3104

Square

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



33.6810, -2.8007, 11.6808



31.8060, -5.8204, 0.1701



29.3400, 4.2694, -16.0842



33.2970, 6.2626, -2.0145

Rectangle

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



33.6810, -2.8007, 11.6808



33.0350, -6.4263, 7.8623



29.3400, 4.2694, -16.0842



31.1710, 7.3107, -11.5510

Sweetspot

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



33.6810, -2.8007, 11.6808



56.0930, -1.0318, 4.3034



35.8470, 5.4984, 9.7812



27.4950, -0.7370, 3.0739



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.



33.6810, -2.8007, 11.6808



39.9700, -4.4222, 18.4433



39.5510, -5.6946, 6.5328



21.5980, -0.2948, 1.2296



26.0130, -12.8244, 53.4856



63.9860, -31.5451, 131.5623

Inverse Universe

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



41.3190, 2.8007, -11.6808



52.0300, 4.4222, -18.4433



36.0360, 5.4053, -7.0476



22.4020, 0.2948, -1.2296



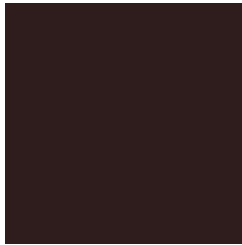
60.9870, 12.8244, -53.4856



150.0140, 31.5451, -131.5623

Previews

White Background



This preview shows how the YUV color 33.6810, -2.8007, 11.6808 looks on a white background.

Color Contrast Check

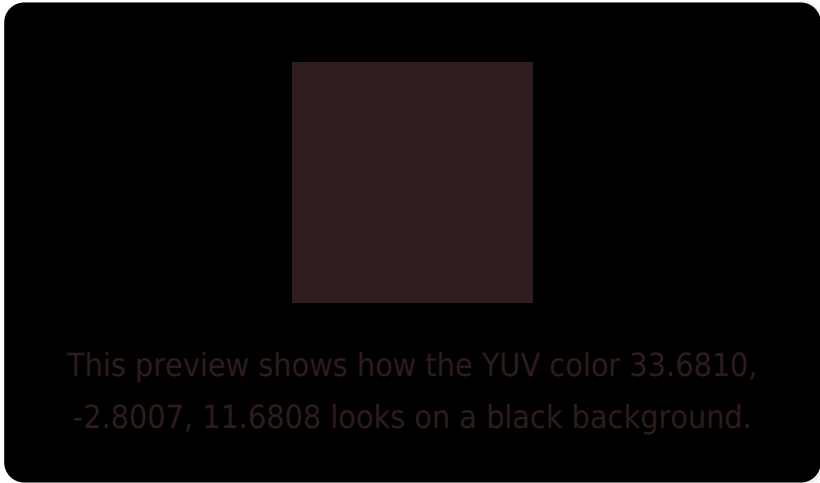
Large Text (above 18pt) WCAG AA ✓ Pass

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

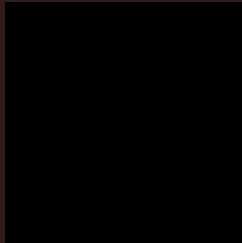
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.6810, -2.8007, 11.6808

Background



This preview shows how black text looks on a background with the YUV color 33.6810, -2.8007, 11.6808.

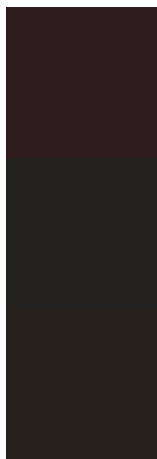


This preview shows how white text looks on a background with the YUV color 33.6810, -2.8007,

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

33.6810, -2.8007, 11.6808

Protanopia

33.3700, -1.1684, 1.4295

Deuteranopia

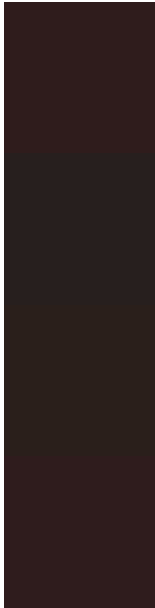
33.5230, -3.2158, 4.8033



Tritanopia

33.9090, -1.9271, 11.4808

Trichromacy



Original Color

33.6810, -2.8007, 11.6808

Protanomaly

33.2780, -1.6161, 5.0182

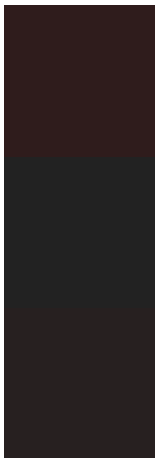
Deuteranomaly

33.8330, -3.3687, 7.1625

Tritanomaly

33.7950, -2.3639, 11.5808

Monochromacy



Original Color

33.6810, -2.8007, 11.6808

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.6810, -2.8007, 11.6808 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(47, 28, 28)` looks like.

```
.text, #text, p{  
    color:rgb(47, 28, 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(47, 28, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 28, 28) }
```

Border

The CSS property to change the border of an element to YUV 33.6810, -2.8007, 11.6808 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(47, 28, 28) }
```


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

```
.border{ border-color:rgb(47, 28, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 28, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 28, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 28, 28);  
box-shadow:4px 4px 4px 4px rgb(47, 28, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.6810, -2.8007, 11.6808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 28, 28) }
```

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

```
.background{ background-color: rgb(47, 28,  
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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