

Converting Colors

YUV(28.7940, -0.8844, 3.6887)

Have a look what the booklet for
YUV(28.7940, -0.8844, 3.6887)
contains.

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Color

**YUV(28.7940, -0.8844,
3.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	211B1B
RGB	33, 27, 27
RGB Percent	13%, 11%, 11%
CMY	0.8706, 0.8941, 0.8941
CMYK	0.00, 0.18, 0.18, 0.87
HSL	0°, 10%, 12%
HSV	0°, 18%, 13%
XYZ	1.2170, 1.1863, 1.2018
YIQ	28.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

Format	Color
RYB	33, 27, 27
Decimal	2169627
CIELab	10.46, 2.94, 1.08
CIELCh	10, 3.131, 20.266
Yxy	1.1863, 0.3376, 0.3291
Android (android.graphics.Color)	4280359707 (0xFF211B1B)
YUV	28.7940, -0.8844, 3.6887
Hunter-Lab	10.8919, 0.8832, 1.0826

Details

The YUV color **28.7940, -0.8844, 3.6887** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **31.2060, 0.8844, -3.6887**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.0930, -1.0318, 4.3034**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.6910, -1.3267, 5.5330**, and if you desaturate by 10%, it is **30.8970, -0.4422, 1.8443**.

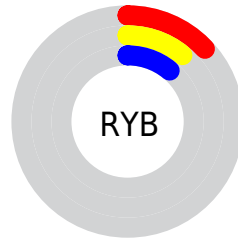
Distribution



Red (13%)

Green (11%)

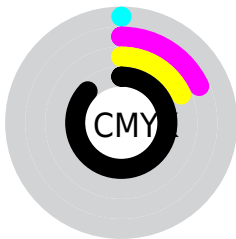
Blue (11%)



Red (13%)

Yellow (11%)

Blue (11%)

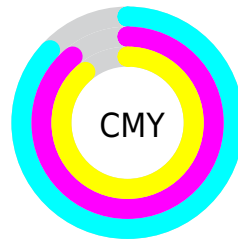


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (87%)



Cyan (87%)

Magenta (89%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.7940, -0.8844, 3.6887 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 28.7940, -0.8844, 3.6887 by changing the saturation by 10% instead.

■ 28.7940, -0.8844,
3.6887

■ 28.7940, -0.8844,
3.6887

■ 254.2990, -0.1474,
0.6148

■ 2.9900, -1.4741,
6.1478

■ 72.0930, -1.0318,
4.3034

■ 0.0000, 0.0000,
0.0000

■ 96.0930, -1.0318,
4.3034

■ 120.3920, -1.1793,
4.9182

■ 146.3920, -1.1793,
4.9182

■ 172.6910, -1.3267,
5.5330

■ 200.3920, -1.1793,

4.9182

■ 228.3920, -1.1793,
4.9182

■ 28.7940, -0.8844,
3.6887

■ 28.7940, -0.8844,
3.6887

■ 26.6910, -1.3267,
5.5330

■ 30.8970, -0.4422,
1.8443

■ 23.8870, -1.9163,
7.9921

■ 33.7010, 0.1474,
-0.6148

■ 21.7840, -2.3585,
9.8364

■ 35.8040, 0.5896,
-2.4591

■ 19.6810, -2.8007,
11.6808

■ 37.9070, 1.0318,
-4.3034

■ 17.5780, -3.2430,
13.5251

■ 40.7110, 1.6215,
-6.7625

■ 14.7740, -3.8326,
15.9842

■ 42.8140, 2.0637,
-8.6069

■ 12.6710, -4.2748,
17.8285

■ 44.9170, 2.5059,
-10.4512

■ 10.5680, -4.7170,
19.6729

■ 47.0200, 2.9481,
-12.2955

■ 9.8670, -4.8644,
20.2876

■ 49.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



28.7230, 0.1366, 2.8739



28.7940, -0.8844, 3.6887



28.2670, -1.6106, 3.2738

Triad

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



28.7940, -0.8844, 3.6887



27.7610, -0.8682, -1.5444



28.1460, 1.9000, -2.7590

Complementary

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



28.7940, -0.8844, 3.6887



31.2060, 0.8844, -3.6887

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.



27.8470, 2.0474, -3.3738



28.7940, -0.8844, 3.6887



27.9780, 0.0108, -3.4887

Square

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



28.7940, -0.8844, 3.6887



28.4300, -2.1840, 0.4999



27.9070, 1.0318, -4.3034



28.4560, 1.7472, -0.3999

Rectangle

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



28.7940, -0.8844, 3.6887



28.4410, -2.1894, 2.2442



27.9070, 1.0318, -4.3034



28.1460, 1.9000, -2.7590

Sweetspot

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



28.7940, -0.8844, 3.6887



41.5980, -0.2948, 1.2296



29.4780, 1.7363, 3.0888



22.2990, -0.1474, 0.6148



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.



28.7940, -0.8844, 3.6887



36.6910, -1.3267, 5.5330



30.5550, -1.7526, 2.1443



14.2990, -0.1474, 0.6148



23.6210, -11.6452, 48.5674



61.8930, -30.5132, 127.2588

Inverse Universe

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



31.2060, 0.8844, -3.6887



40.3090, 1.3267, -5.5330



29.4450, 1.7526, -2.1443



14.7010, 0.1474, -0.6148



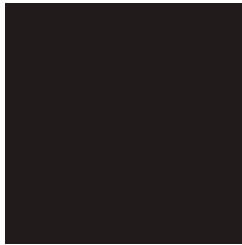
55.3790, 11.6452, -48.5674



145.1070, 30.5132, -127.2588

Previews

White Background



This preview shows how the YUV color 28.7940, -0.8844, 3.6887 looks on a white background.

Color Contrast Check

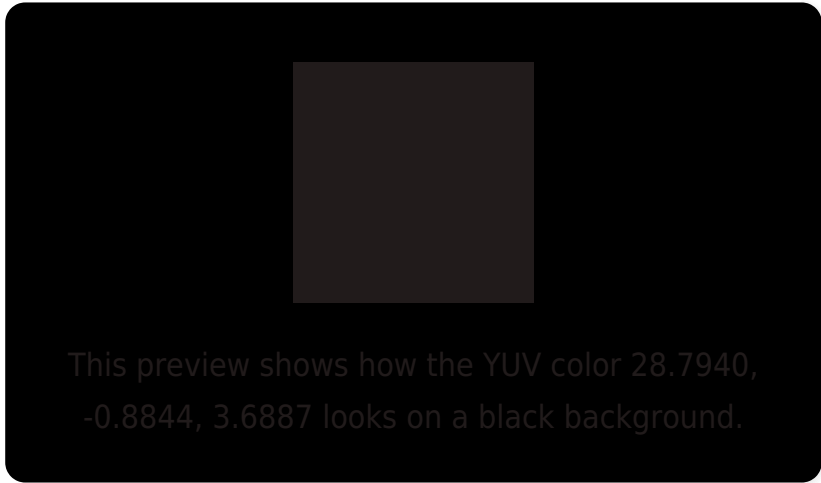
Large Text (above 18pt) WCAG AA ✓ Pass

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

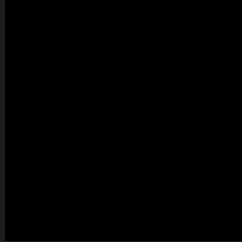
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.7940, -0.8844, 3.6887

Background



This preview shows how black text looks on a background with the YUV color 28.7940, -0.8844, 3.6887.

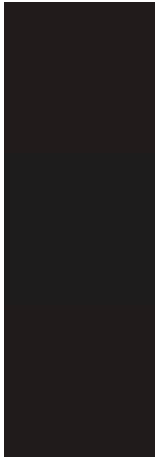


This preview shows how white text looks on a background with the YUV color 28.7940, -0.8844,

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

28.7940, -0.8844, 3.6887

Protanopia

28.2990, -0.1474, 0.6148

Deuteranopia

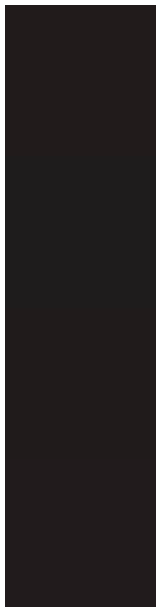
28.4950, -0.7370, 3.0739



Tritanopia

29.0220, -0.0108, 3.4887

Trichromacy



Original Color

28.7940, -0.8844, 3.6887

Protanomaly

28.5980, -0.2948, 1.2296

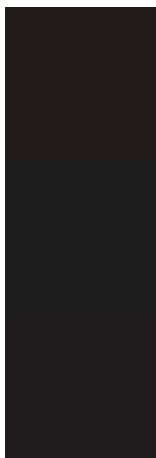
Deuteranomaly

28.4950, -0.7370, 3.0739

Tritanomaly

28.9080, -0.4476, 3.5887

Monochromacy



Original Color

28.7940, -0.8844, 3.6887

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.5980, -0.2948, 1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.7940, -0.8844, 3.6887 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(33, 27, 27)` looks like.

```
.text, #text, p{  
    color:rgb(33, 27, 27)  
}
```

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(33, 27, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 27, 27) }
```

Border

The CSS property to change the border of an element to YUV 28.7940, -0.8844, 3.6887 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(33, 27, 27) }
```


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

```
.border{ border-color:rgb(33, 27, 27) }
```

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

Here you see how a box with a 4 pixel rgb(33, 27, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 27, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 27, 27);  
box-shadow:4px 4px 4px 4px rgb(33, 27, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.7940, -0.8844, 3.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 27, 27) }
```

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

```
.background{ background-color: rgb(33, 27,  
27) }
```

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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