Converting Colors

YUV(17.6810, -2.8007, 11.6808)

Have a look what the booklet for YUV(17.6810, -2.8007, 11.6808) contains.

YUV(17.6810, -2.8007, 11.6808) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

YUV(17.6810, -2.8007, 11.6808)

Conversions

Conversions Part 1

Format	Color
Hex	1F0C0C
RGB	31, 12, 12
RGB Percent	12%, 5%, 5%
CMY	0.8784, 0.9529, 0.9529
CMYK	0.00, 0.61, 0.61, 0.88
HSL	0°, 44%, 8%
HSV	0°, 61%, 12%
XYZ	0.7629, 0.5808, 0.4197
YIQ	17.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

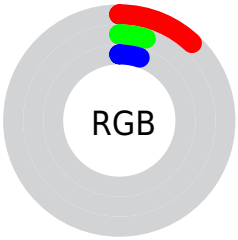
Format	Color
RYB	31, 12, 12
Decimal	2034700
CIELab	5.25, 8.64, 3.04
CIELCh	5, 9.158, 19.399
Yxy	0.5808, 0.4326, 0.3294
Android (android.graphics.Color)	4280224780 (0xFF1F0C0C)
YUV	17.6810, -2.8007, 11.6808
Hunter-Lab	7.6210, 4.5322, 2.0693

Details

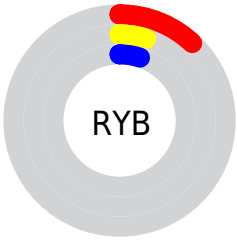
The YUV color 17.6810, -2.8007, 11.6808 is a dark color, and the websafe version is hex 000000. A complement of this color would be 25.3190, 2.8007, -11.6808, and the grayscale version is 18.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 60.7950, -2.3639, 11.5808, and 0.0000, 0.0000, 0.0000 is the 20% darker color. If you saturate the color by 10%, you get 15.5780, -3.2430, 13.5251, and if you desaturate by 10%, it is 19.7840, -2.3585, 9.8364.

Distribution

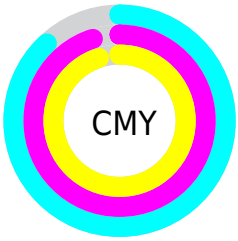


- Red (12%)
- Green (5%)
- Blue (5%)



- Red (12%)
- Yellow (5%)
- Blue (5%)

- Cyan (0%)
- Magenta (61%)
- Yellow (61%)
- Black (88%)



- Cyan (88%)
- Magenta (95%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 17.6810, -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 17.6810, -2.8007, 11.6808 by changing the saturation by 10% instead.

17.6810, -2.8007, 11.6808

241.6810, -2.8007, 11.6808

60.7950, -2.3639, 11.5808

83.9800, -2.9481, 12.2955

108.5780, -3.2430, 13.5251

133.5780, -3.2430, 13.5251

159.8770, -3.3904, 14.1399

187.1760, -3.5378,

17.6810, -2.8007, 11.6808

0.0000, 0.0000, 0.0000

14.7546

214.5890, -3.2484, 15.2694

17.6810, -2.8007, 11.6808

15.5780, -3.2430, 13.5251

13.4750, -3.6852, 15.3694

11.3720, -4.1274, 17.2138

9.2690, -4.5696, 19.0581

17.6810, -2.8007, 11.6808

19.7840, -2.3585, 9.8364

21.8870, -1.9163, 7.9921

23.9900, -1.4741, 6.1478

26.0930, -1.0318, 4.3034

28.1960, -0.5896, 2.4591

31.0000, 0.0000, 0.0000

33.1030, 0.4422, -1.8443

35.2060, 0.8844, -3.6887

37.3090, 1.3267, -5.5330

Harmonies

Analogous

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

17.9950, 0.9885, 9.6514

17.6810, -2.8007, 11.6808

16.8290, -7.3107, 11.5510

Triad

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

17.6810, -2.8007, 11.6808

15.1750, -5.5093, -6.2925

15.7690, 7.0159, -10.3214

Complementary

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

17.6810, -2.8007, 11.6808

25.3190, 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.

15.4050, 5.7163, -13.5102

17.6810, -2.8007, 11.6808

14.5100, -0.2514, -12.7253

Square

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

17.6810, -2.8007, 11.6808

16.2470, -8.0098, 2.4144

15.4220, 3.2430, -13.5251

17.4820, 5.6784, -1.2997

Rectangle

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

17.6810, -2.8007, 11.6808

17.1770, -8.4683, 9.4918

15.4220, 3.2430, -13.5251

15.0460, 6.8793, -13.1953

Sweetspot

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

17.6810, -2.8007, 11.6808

35.3920, -1.1793, 4.9182

19.8470, 5.4984, 9.7812

17.1960, -0.5896, 2.4591

148.0000, 0.0000, 0.0000

20.0000, 0.0000, 0.0000

Same Dimension

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

17.6810, -2.8007, 11.6808

19.9700, -4.4222, 18.4433

23.5510, -5.6946, 6.5328

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.

25.3190, 2.8007, -11.6808

32.0300, 4.4222, -18.4433

20.0360, 5.4053, -7.0476

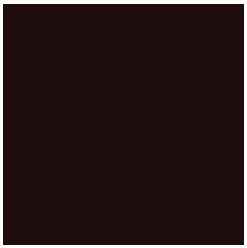
14.7010, 0.1474, -0.6148

55.3790, 11.6452, -48.5674

145.1070, 30.5132, -127.2588

Previews

White Background

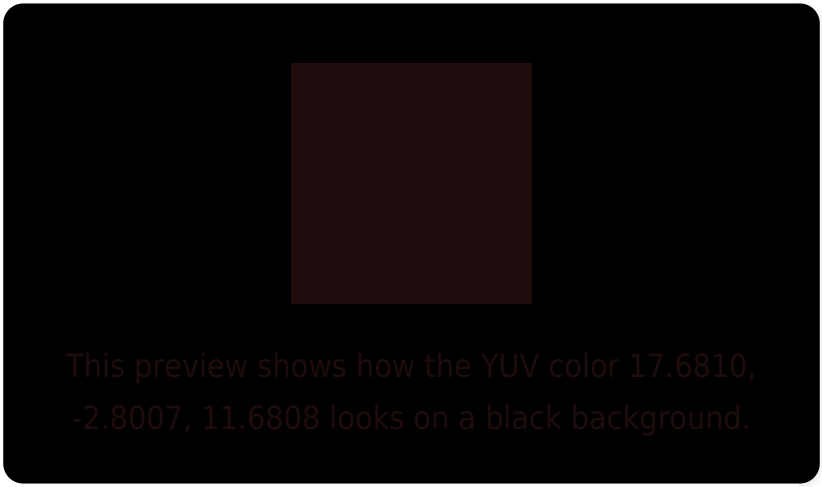


This preview shows how the YUV color 17.6810, -2.8007, 11.6808 looks on a white background.

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 17.6810, -2.8007, 11.6808

Background

This preview shows how black text looks on a background with the YUV color 17.6810, -2.8007, 11.6808.

This preview shows how white text looks on a background with the YUV color 17.6810, -2.8007,

11.6808.

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
17.6810, -2.8007, 11.6808

Protanopia
18.2560, -1.6052, 1.5295

Deuteranopia
18.3980, -3.6472, 3.1590

Tritanopia
17.7950, -2.3639, 11.5808

Trichromacy

Original Color
17.6810, -2.8007, 11.6808

Protanomaly
18.1640, -2.0529, 5.1182

Deuteranomaly
18.1210, -3.5107, 6.0329

Tritanomaly
17.7950, -2.3639, 11.5808

Monochromacy

Original Color
17.6810, -2.8007, 11.6808

Achromatopsia
18.0000, 0.0000, 0.0000

Achromatomaly
18.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 17.6810, -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(31, 12, 12) looks like.

```
.text, #text, p{
    color:rgb(31, 12, 12)
}
```

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(31, 12, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 12, 12) }
```

Border

The CSS property to change the border of an element to YUV 17.6810, -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(31, 12, 12) }
```

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

```
.border{ border-color:rgb(31, 12, 12) }
```

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

Here you see how a box with a 4 pixel rgb(31, 12, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(31, 12, 12); -webkit-box-shadow:4px 4px 4px 4px rgb(31, 12, 12); box-shadow:4px 4px 4px 4px rgb(31, 12, 12) }
```

Background

The CSS property to change the background color of an element to YUV 17.6810, -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(31, 12, 12) }
```

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

```
.background{ background-color:rgb(31, 12, 12) }
```

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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