

Converting Colors

YUV(18.7810, 5.5310, -0.6849)

Have a look what the booklet for
YUV(18.7810, 5.5310, -0.6849)
contains.

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Color

**YUV(18.7810, 5.5310,
-0.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	12111E
RGB	18, 17, 30
RGB Percent	7%, 7%, 12%
CMY	0.9294, 0.9333, 0.8824
CMYK	0.40, 0.43, 0.00, 0.88
HSL	245°, 28%, 9%
HSV	245°, 43%, 12%
XYZ	0.6842, 0.6232, 1.3125
YIQ	18.7810, -3.5770, 4.2550

Conversions

Conversions Part 2

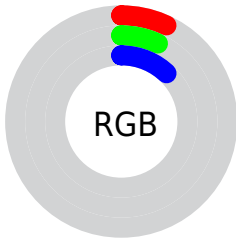
Format	Color
R_YB	18, 17, 30
Decimal	1184030
CIE Lab	5.63, 3.76, -8.57
CIE LCh	6, 9.356, 293.722
Yxy	0.6232, 0.2612, 0.2379
Android (android.graphics.Color)	4279374110 (0xFF12111E)
YUV	18.7810, 5.5310, -0.6849
Hunter-Lab	7.8945, 1.6559, -4.3313

Details

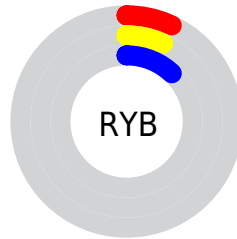
The YUV color **18.7810, 5.5310, -0.6849** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **28.2190, -5.5310, 0.6849**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **61.0090, 6.4046, -0.8849**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.1230, 6.8414, -0.9849**, and if you desaturate by 10%, it is **21.4390, 4.2206, -0.3850**.

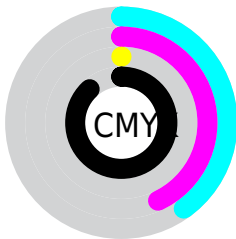
Distribution



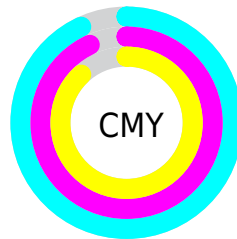
- Red (7%)
- Green (7%)
- Blue (12%)



- Red (7%)
- Yellow (7%)
- Blue (12%)



- Cyan (40%)
- Magenta (43%)
- Yellow (0%)
- Black (88%)



- Cyan (93%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.7810, 5.5310, -0.6849 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 18.7810, 5.5310, -0.6849 by changing the saturation by 10% instead.

■ 18.7810, 5.5310,
-0.6849

■ 18.7810, 5.5310,
-0.6849

■ 242.8950, 5.9678,
-0.7849

■ 0.3420, 1.3104,
-0.2999

■ 61.0090, 6.4046,
-0.8849

■ 0.0000, 0.0000,
0.0000

■ 84.0090, 6.4046,
-0.8849

■ 109.0090, 6.4046,
-0.8849

■ 134.1230, 6.8414,
-0.9849

■ 160.2370, 7.2782,
-1.0848

■ 187.2370, 7.2782,

-1.0848

■ 214.6500, 7.5676,
-0.5700

■ 18.7810, 5.5310,
-0.6849

■ 18.7810, 5.5310,
-0.6849

■ 16.1230, 6.8414,
-0.9849

■ 21.4390, 4.2206,
-0.3850

■ 13.4650, 8.1518,
-1.2848

■ 24.0970, 2.9102,
-0.0851

■ 11.1060, 9.3147,
-0.9700

■ 26.4560, 1.7472,
-0.3999

■ 8.4480, 10.6251,
-1.2699

■ 29.1140, 0.4368,
-0.1000

■ 5.7900, 11.9355,
-1.5698

■ 31.7720, -0.8736,
0.2000

■ 4.0180, 12.8091,
-1.7698

■ 34.4300, -2.1840,
0.4999

■ 36.7890, -3.3470,
0.1850

■ 39.4470, -4.6574,
0.4850

■ 42.1050, -5.9678,
0.7849

Harmonies

Analogous

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



17.0680, 6.8685, -9.7066



18.7810, 5.5310, -0.6849



19.5430, 3.1833, 5.6628

Triad

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



18.7810, 5.5310, -0.6849



18.0030, -7.8895, 10.5214



15.3250, 0.3328, -13.4400

Complementary

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



18.7810, 5.5310, -0.6849



28.2190, -5.5310, 0.6849

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.



15.8050, -4.3409, -7.7220



18.7810, 5.5310, -0.6849



17.7530, -8.7522, 7.2326

Square

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



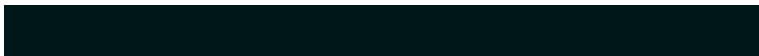
18.7810, 5.5310, -0.6849



18.5670, -3.2375, 11.7807



17.1220, -8.4411, 0.7700



16.2370, 3.8272, -14.2398

Rectangle

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



18.7810, 5.5310, -0.6849



18.8100, 1.5727, 8.9366



17.1220, -8.4411, 0.7700



14.3960, -0.6882, -12.6253

Sweetspot

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



18.7810, 5.5310, -0.6849



33.8690, 2.0366, 0.1149



25.5260, 2.2057, -7.4773



17.3420, 1.3104, -0.2999



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.



18.7810, 5.5310, -0.6849



20.8780, 8.4411, -0.7700



20.5750, 4.6465, 3.0037



14.1140, 0.4368, -0.1000



10.8000, 33.6226, -4.2096



28.3820, 88.0587, -10.8590

Inverse Universe

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



22.2550, 3.3253, 6.7924



26.1460, 5.3510, 10.3960



26.4250, -4.6465, -3.0037



14.4130, 0.2894, 0.5148



31.9430, 20.2411, 41.2690



83.6670, 52.9152, 108.1630

Previews

White Background



This preview shows how the YUV color 18.7810, 5.5310, -0.6849 looks on a white background.

Color Contrast Check

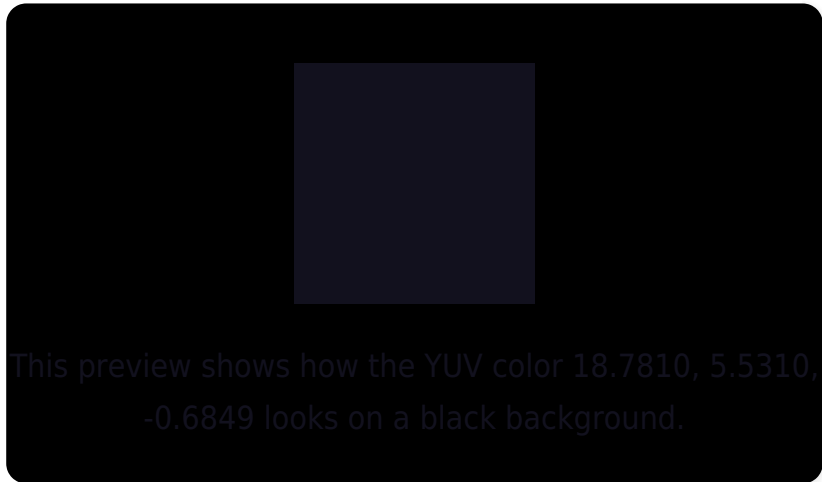
Large Text (above 18pt) WCAG AA ✓ Pass

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

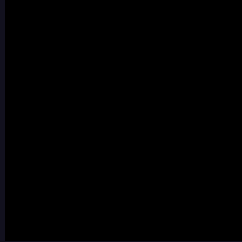
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.7810, 5.5310, -0.6849

Background



This preview shows how black text looks on a background with the YUV color 18.7810, 5.5310, -0.6849.



This preview shows how white text looks on a background with the YUV color 18.7810, 5.5310,

-0.6849.

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

18.7810, 5.5310, -0.6849

Protanopia

17.9870, 6.4154, -4.3736

Deuteranopia

18.1610, 5.8366, -5.4032



Tritanopia

18.3310, 1.3158, -2.0443

Trichromacy



Original Color

18.7810, 5.5310, -0.6849

Protanomaly

18.5850, 6.1206, -3.1440

Deuteranomaly

18.1720, 5.8312, -3.6588

Tritanomaly

18.3850, 2.7682, -1.2146

Monochromacy



Original Color

18.7810, 5.5310, -0.6849

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.7810, 5.5310, -0.6849 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(18, 17, 30)` looks like.

```
.text, #text, p{  
    color:rgb(18, 17, 30)  
}
```

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(18, 17, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 17, 30) }
```

Border

The CSS property to change the border of an element to YUV 18.7810, 5.5310, -0.6849 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(18, 17, 30) }
```


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

```
.border{ border-color:rgb(18, 17, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 17, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 17, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 17, 30);  
box-shadow:4px 4px 4px 4px rgb(18, 17, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 18.7810, 5.5310, -0.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 17, 30) }
```

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

```
.background{ background-color: rgb(18, 17,  
30) }
```

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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