

Converting Colors

YUV(27.0810, 0.4531, -5.3330)

Have a look what the booklet for
YUV(27.0810, 0.4531, -5.3330)
contains.

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Color

**YUV(27.0810, 0.4531,
-5.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	151E1C
RGB	21, 30, 28
RGB Percent	8%, 12%, 11%
CMY	0.9176, 0.8824, 0.8902
CMYK	0.30, 0.00, 0.07, 0.88
HSL	167°, 18%, 10%
HSV	167°, 30%, 12%
XYZ	0.9831, 1.1718, 1.2730
YIQ	27.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

Format	Color
RYB	21, 26, 30
Decimal	1383964
CIELab	10.35, -4.63, 0.03
CIElCh	10, 4.626, 179.568
Yxy	1.1718, 0.2868, 0.3418
Android (android.graphics.Color)	4279574044 (0xFF151E1C)
YUV	27.0810, 0.4531, -5.3330
Hunter-Lab	10.8250, -2.7324, 0.6053

Details

The YUV color **27.0810, 0.4531, -5.3330** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **23.9190, -0.4531, 5.3330**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.6680, 0.1637, -5.8478**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.0700, 0.4585, -7.0774**, and if you desaturate by 10%, it is **28.0920, 0.4476, -3.5887**.

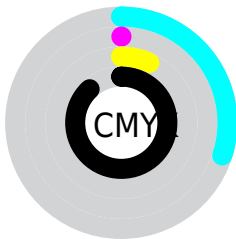
Distribution



- Red (8%)
- Green (12%)
- Blue (11%)



- Red (8%)
- Yellow (10%)
- Blue (12%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (88%)



- Cyan (92%)
- Magenta (88%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.0810, 0.4531, -5.3330 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 27.0810, 0.4531, -5.3330 by changing the saturation by 10% instead.

■ 27.0810, 0.4531,
-5.3330

■ 27.0810, 0.4531,
-5.3330

■ 252.3090, 1.3267,
-5.5330

■ 1.2880, -0.1420,
-1.1296

■ 70.6680, 0.1637,
-5.8478

■ 0.0000, 0.0000,
0.0000

■ 93.7820, 0.6005,
-5.9478

■ 118.4830, 0.7479,
-6.5626

■ 144.3690, 0.3111,
-6.4626

■ 171.0700, 0.4585,
-7.0774

■ 198.0700, 0.4585,

-7.0774

■ 226.0700, 0.4585,
-7.0774

■ 27.0810, 0.4531,
-5.3330

■ 27.0810, 0.4531,
-5.3330

■ 26.0700, 0.4585,
-7.0774

■ 28.0920, 0.4476,
-3.5887

■ 25.1730, 0.9007,
-8.9217

■ 28.9890, 0.0054,
-1.7444

■ 24.1620, 0.9061,
-10.6661

■ 30.0000, 0.0000,
0.0000

■ 23.1510, 0.9116,
-12.4104

■ 31.0110, -0.0054,
1.7444

■ 22.2540, 1.3538,
-14.2548

■ 31.9080, -0.4476,
3.5887

■ 21.2430, 1.3592,
-15.9991

■ 32.9190, -0.4531,
5.3330

■ 20.2320, 1.3646,
-17.7435

■ 33.9300, -0.4585,
7.0774

■ 34.8270, -0.9007,
8.9217

■ 35.8380, -0.9061,
10.6661

Harmonies

Analogous

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



27.6360, -1.2995, -3.1888



27.0810, 0.4531, -5.3330



27.1240, 1.9109, -6.2477

Triad

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



27.0810, 0.4531, -5.3330



28.3960, 2.7628, 0.5297



28.3380, -2.6316, 4.0886

Complementary

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



27.0810, 0.4531, -5.3330



23.9190, -0.4531, 5.3330

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.



28.5770, -1.7635, 5.6330



27.0810, 0.4531, -5.3330



28.3640, 1.2995, 3.1888

Square

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



27.0810, 0.4531, -5.3330



27.7870, 3.0630, -2.4442



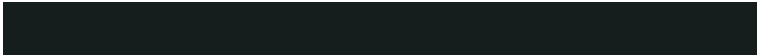
28.6200, -0.3057, 4.7183



28.2130, -3.0630, 2.4442

Rectangle

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



27.0810, 0.4531, -5.3330



27.6510, 2.6371, -5.8329



28.6200, -0.3057, 4.7183



28.7510, -2.3422, 4.6034

Sweetspot

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



27.0810, 0.4531, -5.3330



36.9890, 0.0054, -1.7444



26.8810, -2.8993, -3.4036



19.4020, 0.2948, -1.2296



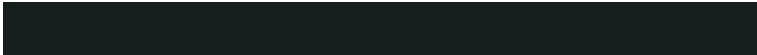
148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

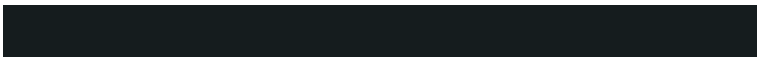
The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.0810, 0.4531, -5.3330



33.4720, 0.7533, -8.3069



26.1350, 1.9054, -4.5034



14.7010, 0.1474, -0.6148



53.3270, 3.7828, -46.7678



139.8630, 10.4205, -122.6599

Inverse Universe

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



23.9190, -0.4531, 5.3330



28.6420, -0.3165, 8.2070



24.8650, -1.9054, 4.5034



14.2990, -0.1474, 0.6148



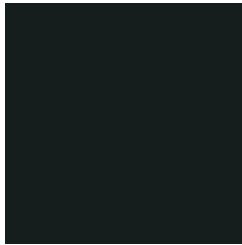
25.6730, -3.7828, 46.7678



67.1370, -10.4205, 122.6599

Previews

White Background



This preview shows how the YUV color 27.0810, 0.4531, -5.3330 looks on a white background.

Color Contrast Check

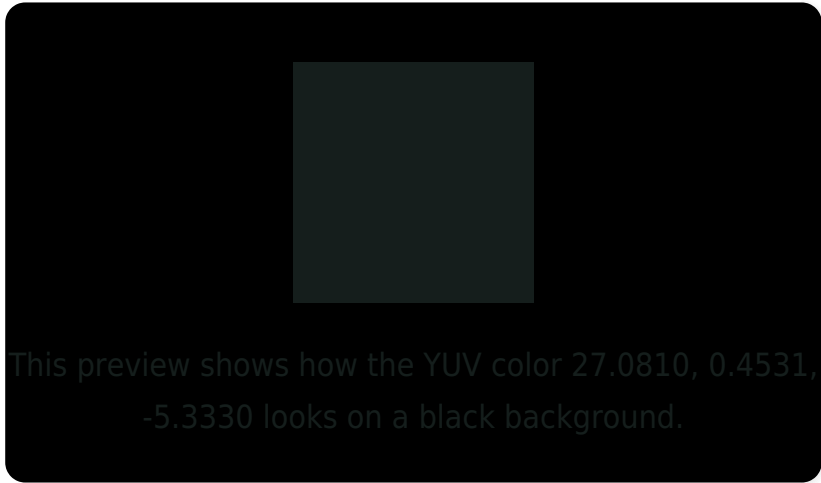
Large Text (above 18pt) WCAG AA ✓ Pass

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

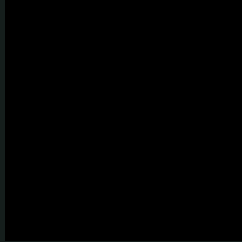
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

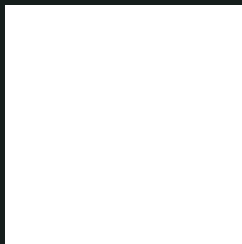
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 27.0810, 0.4531, -5.3330

Background



This preview shows how black text looks on a background with the YUV color 27.0810, 0.4531, -5.3330.



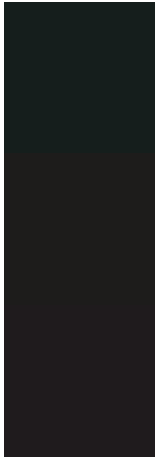
This preview shows how white text looks on a background with the YUV color 27.0810, 0.4531, -5.3330.

-5.3330.

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

27.0810, 0.4531, -5.3330

Protanopia

28.1850, -0.5842, 0.7148

Deuteranopia

28.4240, 0.2840, 2.2592



Tritanopia

27.2490, 2.3422, -4.6034

Trichromacy



Original Color

27.0810, 0.4531, -5.3330

Protanomaly

27.8750, -0.4314, -1.6444

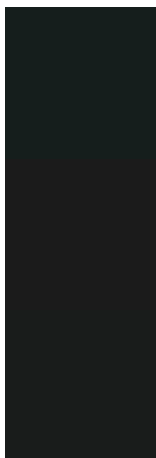
Deuteranomaly

27.8150, 0.5842, -0.7148

Tritanomaly

27.1350, 1.9054, -4.5034

Monochromacy



Original Color

27.0810, 0.4531, -5.3330

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.9890, 0.0054, -1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.0810, 0.4531, -5.3330 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(21, 30, 28)` looks like.

```
.text, #text, p{  
    color:rgb(21, 30, 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(21, 30, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 30, 28) }
```

Border

The CSS property to change the border of an element to YUV 27.0810, 0.4531, -5.3330 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(21, 30, 28) }
```


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

```
.border{ border-color:rgb(21, 30, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 30, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 30, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 30, 28);  
box-shadow:4px 4px 4px 4px rgb(21, 30, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.0810, 0.4531, -5.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 30, 28) }
```

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

```
.background{ background-color: rgb(21, 30,  
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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