

Converting Colors

YUV(14.8680, 10.4181, 18.5328)

Have a look what the booklet for
YUV(14.8680, 10.4181, 18.5328)
contains.

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Color

**YUV(14.8680, 10.4181,
18.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	240024
RGB	36, 0, 36
RGB Percent	14%, 0%, 14%
CMY	0.8588, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.00, 0.86
HSL	300°, 100%, 7%
HSV	300°, 100%, 14%
XYZ	1.0460, 0.5024, 1.7109
YIQ	14.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

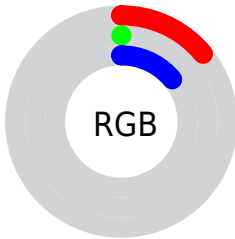
Format	Color
RYB	36, 0, 36
Decimal	2359332
CIELab	4.54, 22.69, -14.68
CIELCh	5, 27.024, 327.090
Yxy	0.5024, 0.3209, 0.1542
Android (android.graphics.Color)	4280549412 (0xFF240024)
YUV	14.8680, 10.4181, 18.5328
Hunter-Lab	7.0883, 13.9359, -9.3491

Details

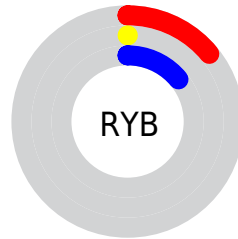
The YUV color **14.8680, 10.4181, 18.5328** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21.1320, -10.4181, -18.5328**, and the grayscale version is **15.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **60.4550, 10.1287, 18.0180**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.8680, 10.4181, 18.5328**, and if you desaturate by 10%, it is **17.2160, 9.2605, 16.4736**.

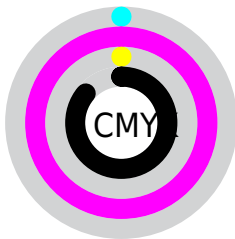
Distribution



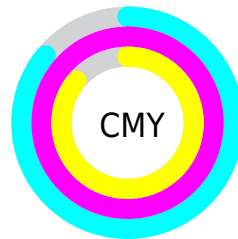
- Red (14%)
- Green (0%)
- Blue (14%)



- Red (14%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (86%)



- Cyan (86%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 14.8680, 10.4181, 18.5328 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 14.8680, 10.4181, 18.5328 by changing the saturation by 10% instead.

■ 14.8680, 10.4181,
18.5328

■ 14.8680, 10.4181,
18.5328

■ 237.3900, 8.6817,
15.4440

■ 2.0690, 5.3890,
-1.8145

■ 60.4550, 10.1287,
18.0180

■ 0.0000, 0.0000,
0.0000

■ 83.5800, 10.5601,
19.6623

■ 108.2920, 10.7020,
20.7919

■ 133.7050, 10.9914,
21.3067

■ 160.1180, 11.2808,
21.8215

■ 187.5310, 11.5702,

22.3363

■ 215.2430, 11.7122,
23.4659

■ 14.8680, 10.4181,
18.5328

■ 17.2160, 9.2605,
16.4736

■ 18.9770, 8.3923,
14.9292

■ 21.3250, 7.2348,
12.8700

■ 23.0860, 6.3666,
11.3256

■ 25.4340, 5.2090,
9.2664

■ 27.7820, 4.0515,
7.2072

■ 29.5430, 3.1833,
5.6628

■ 31.8910, 2.0257,
3.6036

■ 33.6520, 1.1576,
2.0592

Harmonies

Analogous

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



14.6310, 16.4509, -3.1844



14.8680, 10.4181, 18.5328



15.9200, 1.5184, 26.3802

Triad

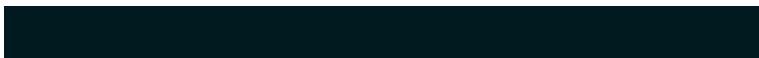
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.8680, 10.4181, 18.5328



15.0950, -7.4418, 6.9327



18.9100, 6.4534, -16.5841

Complementary

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



14.8680, 10.4181, 18.5328



21.1320, -10.4181, -18.5328

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.



16.0430, -1.9932, -14.0697



14.8680, 10.4181, 18.5328



12.3270, -6.0772, -10.8108

Square

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



14.8680, 10.4181, 18.5328



13.7100, -6.7590, 21.3023



14.0880, -6.9454, -12.3552



19.3320, 13.1473, -16.9542

Rectangle

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



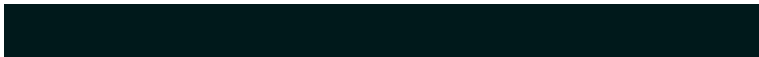
14.8680, 10.4181, 18.5328



14.3520, -7.0755, 29.5093



14.0880, -6.9454, -12.3552



17.7530, 4.5588, -15.5694

Sweetspot

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



14.8680, 10.4181, 18.5328



37.7820, 4.0515, 7.2072



4.1040, 15.7247, -3.5992



18.3040, 2.3151, 4.1184



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.



14.8680, 10.4181, 18.5328



18.9980, 13.3120, 23.6808



12.8160, 2.5557, 20.3324



16.8260, 0.5788, 1.0296



33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Inverse Universe

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



14.8680, 10.4181, 18.5328



18.9980, 13.3120, 23.6808



23.1840, -2.5557, -20.3324



16.8260, 0.5788, 1.0296



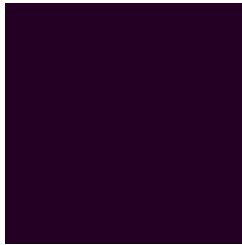
33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Previews

White Background



This preview shows how the YUV color 14.8680, 10.4181, 18.5328 looks on a white background.

Color Contrast Check

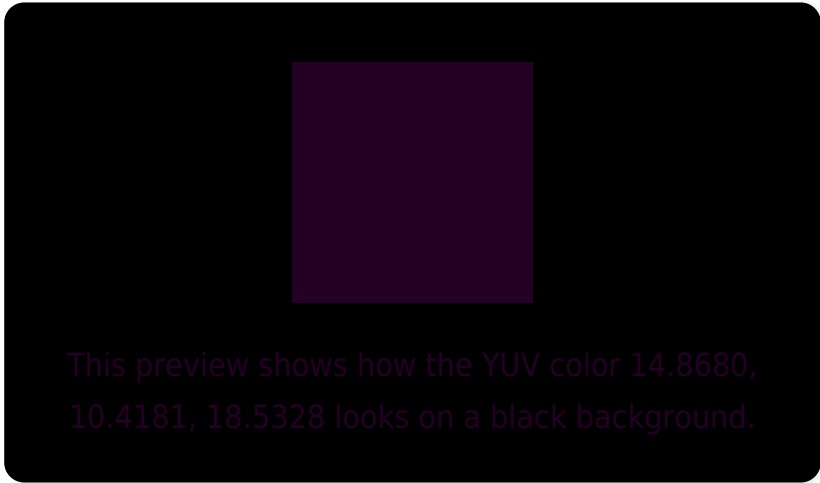
Large Text (above 18pt) WCAG AA ✓ Pass

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

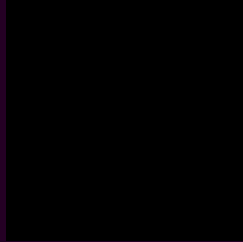
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 14.8680, 10.4181, 18.5328

Background



This preview shows how black text looks on a background with the YUV color 14.8680, 10.4181, 18.5328.



This preview shows how white text looks on a background with the YUV color 14.8680, 10.4181,

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



Protanopia

16.5280, 12.5577, -14.4951

Deuteranopia

19.7910, 7.0050, -6.8327

Tritanopia

20.0940, -2.5113, 12.1956

Trichromacy



Protanomaly

16.0780, 11.7935, -2.6994

Deuteranomaly

17.9000, 8.4303, 2.7187

Tritanomaly

18.3700, 2.2826, 14.5845

Monochromacy



Achromatopsia

15.0000, 0.0000, 0.0000

Achromatomaly

15.3690, 3.7621, 6.6924

CSS Examples

Text

The CSS property to change the color of the text to YUV 14.8680, 10.4181, 18.5328 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(36, 0, 36)` looks like.

```
.text, #text, p{  
    color:rgb(36, 0, 36)  
}
```

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(36, 0, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 0, 36) }
```

Border

The CSS property to change the border of an element to YUV 14.8680, 10.4181, 18.5328 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(36, 0, 36) }
```

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

```
.border{ border-color:rgb(36, 0, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 0, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 0, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 0, 36); box-shadow:4px  
4px 4px 4px rgb(36, 0, 36) }
```


Background

The CSS property to change the background color of an element to YUV 14.8680, 10.4181, 18.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 0, 36) }
```

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

```
.background{ background-color: rgb(36, 0,  
36) }
```

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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