

Converting Colors

YUV(13.4330, 3.2375, -11.7807)

Have a look what the booklet for
YUV(13.4330, 3.2375, -11.7807)
contains.

YUV(13.4330, 3.2375, -11.7807)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(13.4330, 3.2375,
-11.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	001314
RGB	0, 19, 20
RGB Percent	0%, 7%, 8%
CMY	1.0000, 0.9255, 0.9216
CMYK	1.00, 0.05, 0.00, 0.92
HSL	183°, 100%, 4%
HSV	183°, 100%, 8%
XYZ	0.3591, 0.5163, 0.7425
YIQ	13.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

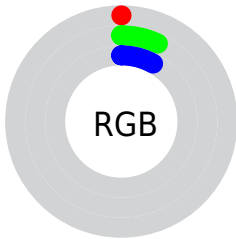
Format	Color
RYB	0, 10, 20
Decimal	4884
CIELab	4.66, -5.39, -2.58
CIELCh	5, 5.975, 205.591
Yxy	0.5163, 0.2220, 0.3191
Android (android.graphics.Color)	4278194964 (0xFF001314)
YUV	13.4330, 3.2375, -11.7807
Hunter-Lab	7.1851, -3.6517, -1.0978

Details

The YUV color **13.4330, 3.2375, -11.7807** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **6.5670, -3.2375, 11.7807**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.9280, 2.5005, -8.7069**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **13.4330, 3.2375, -11.7807**, and if you desaturate by 10%, it is **14.0310, 2.9427, -10.5512**.

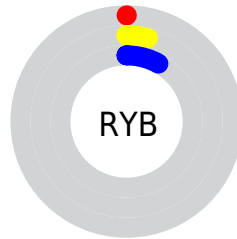
Distribution



Red (0%)

Green (7%)

Blue (8%)



Red (0%)

Yellow (4%)

Blue (8%)

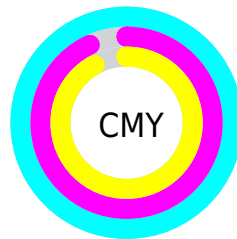


Cyan (100%)

Magenta (5%)

Yellow (0%)

Black (92%)



Cyan (100%)

Magenta (93%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 13.4330, 3.2375, -11.7807 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 13.4330, 3.2375, -11.7807 by changing the saturation by 10% instead.

■ 13.4330, 3.2375,
-11.7807

■ 13.4330, 3.2375,
-11.7807

■ 238.0310, 2.9427,
-10.5512

■ 0.0000, 0.0000,
0.0000

■ 56.9280, 2.5005,
-8.7069

■ 79.9280, 2.5005,
-8.7069

■ 104.3300, 2.7953,
-9.9364

■ 129.3300, 2.7953,
-9.9364

■ 155.3300, 2.7953,
-9.9364

■ 182.0310, 2.9427,

-10.5512

■ 210.0310, 2.9427,
-10.5512

■ 13.4330, 3.2375,
-11.7807

■ 14.0310, 2.9427,
-10.5512

■ 14.6290, 2.6479,
-9.3216

■ 15.2270, 2.3531,
-8.0921

■ 15.8250, 2.0583,
-6.8625

■ 17.0100, 1.4741,
-6.1478

■ 17.6080, 1.1793,
-4.9182

■ 18.2060, 0.8844,
-3.6887

■ 18.8040, 0.5896,
-2.4591

■ 19.4020, 0.2948,
-1.2296

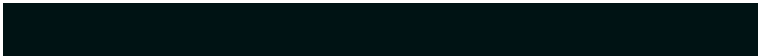
Harmonies

Analogous

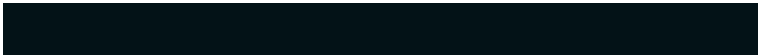
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



13.4610, 0.7587, -10.0513



13.4330, 3.2375, -11.7807



14.0850, 4.3951, -9.7215

Triad

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



13.4330, 3.2375, -11.7807



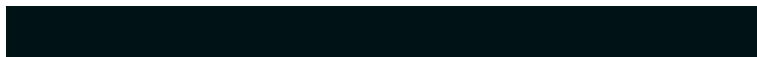
16.6030, 2.1677, 4.7332



15.4260, -6.1260, 4.8884

Complementary

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



13.4330, 3.2375, -11.7807



6.5670, -3.2375, 11.7807

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.



16.2630, -5.5527, 7.6623



13.4330, 3.2375, -11.7807



16.4570, 0.2677, 7.4922

Square

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



13.4330, 3.2375, -11.7807



16.3250, 3.7838, -0.2850



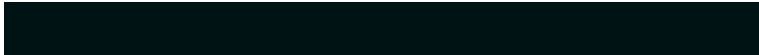
16.0720, -2.5005, 8.7069



15.2190, -5.5310, 0.6849

Rectangle

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



13.4330, 3.2375, -11.7807



14.5090, 4.6791, -7.4624



16.0720, -2.5005, 8.7069



16.0240, -6.4208, 6.1180

Sweetspot

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



13.4330, 3.2375, -11.7807



23.0210, 1.4686, -4.4034



11.8540, -5.3510, -10.3960



11.5050, 0.7370, -3.0739



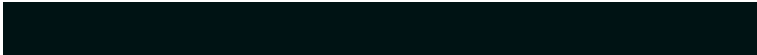
140.0000, 0.0000, 0.0000



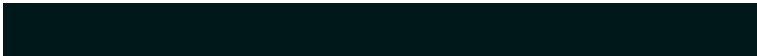
13.0000, 0.0000, 0.0000

Same Dimension

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



13.4330, 3.2375, -11.7807



17.0520, 4.4114, -14.9546



7.5630, 6.1314, -6.6328



9.7010, 0.1474, -0.6148



49.5260, 12.0657, -43.4343



135.0310, 32.5227, -118.4222

Inverse Universe

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



8.1460, 5.3510, 10.3960



10.5100, 6.6506, 13.5847



12.4370, -6.1314, 6.6328



9.4130, 0.2894, 0.5148



30.1060, 19.6677, 38.4950



81.8730, 53.7996, 104.4744

Previews

White Background



This preview shows how the YUV color 13.4330, 3.2375, -11.7807 looks on a white background.

Color Contrast Check

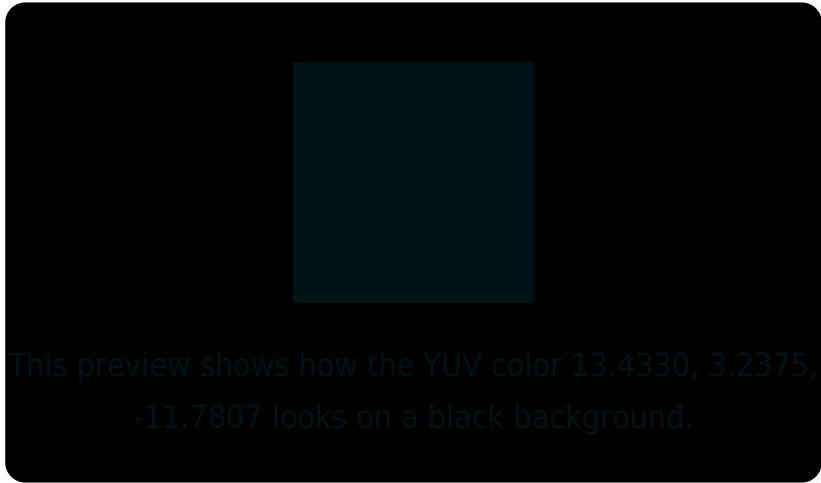
Large Text (above 18pt) WCAG AA ✓ Pass

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

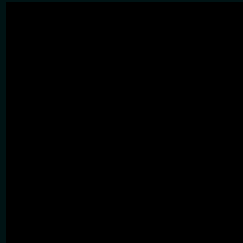
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

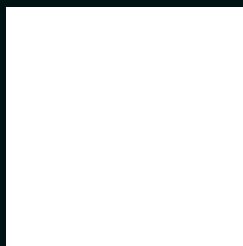
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 13.4330, 3.2375, -11.7807

Background



This preview shows how black text looks on a background with the YUV color 13.4330, 3.2375, -11.7807.



This preview shows how white text looks on a background with the YUV color 13.4330, 3.2375, -11.7807.

-11.7807.

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

13.4330, 3.2375, -11.7807

Protanopia

17.2280, 0.8736, -0.2000

Deuteranopia

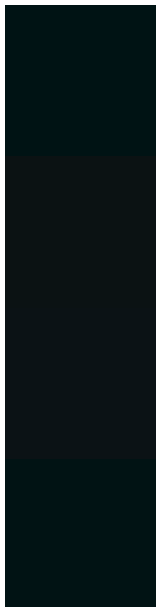
17.4560, 1.7472, -0.3999



Tritanopia

14.0310, 2.9427, -10.5512

Trichromacy



Original Color

13.4330, 3.2375, -11.7807

Protanomaly

16.0210, 1.4686, -4.4034

Deuteranomaly

16.2490, 2.3422, -4.6034

Tritanomaly

13.7320, 3.0901, -11.1660

Monochromacy



Original Color

13.4330, 3.2375, -11.7807

Achromatopsia

13.0000, 0.0000, 0.0000

Achromatomaly

13.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 13.4330, 3.2375, -11.7807 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(0, 19, 20)` looks like.

```
.text, #text, p{  
    color:rgb(0, 19, 20)  
}
```

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(0, 19, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 19, 20) }
```

Border

The CSS property to change the border of an element to YUV 13.4330, 3.2375, -11.7807 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(0, 19, 20) }
```


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

```
.border{ border-color:rgb(0, 19, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 19, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 19, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 19, 20); box-shadow:4px  
4px 4px 4px rgb(0, 19, 20) }
```

Background

The CSS property to change the background color of an element to YUV 13.4330, 3.2375, -11.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 19, 20) }
```

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

```
.background{ background-color: rgb(0, 19,  
20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor