

Converting Colors

YUV(29.4330, 3.2375, -11.7807)

Have a look what the booklet for
YUV(29.4330, 3.2375, -11.7807)
contains.

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Color

**YUV(29.4330, 3.2375,
-11.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	102324
RGB	16, 35, 36
RGB Percent	6%, 14%, 14%
CMY	0.9373, 0.8627, 0.8588
CMYK	0.56, 0.03, 0.00, 0.86
HSL	183°, 38%, 10%
HSV	183°, 56%, 14%
XYZ	1.1332, 1.4396, 1.8872
YIQ	29.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

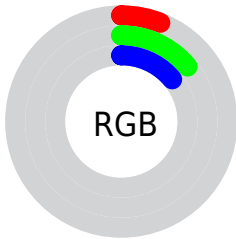
Format	Color
RYB	16, 26, 36
Decimal	1057572
CIELab	12.22, -7.41, -3.11
CIELCh	12, 8.034, 202.740
Yxy	1.4396, 0.2541, 0.3228
Android (android.graphics.Color)	4279247652 (0xFF102324)
YUV	29.4330, 3.2375, -11.7807
Hunter-Lab	11.9983, -4.1390, -0.9269

Details

The YUV color **29.4330, 3.2375, -11.7807** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22.5670, -3.2375, 11.7807**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.4330, 3.2375, -11.7807**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.2370, 3.8272, -14.2398**, and if you desaturate by 10%, it is **30.6290, 2.6479, -9.3216**.

Distribution



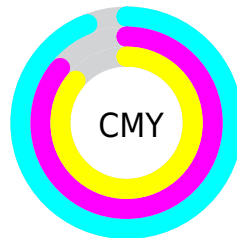
- Red (6%)
- Green (14%)
- Blue (14%)



- Red (6%)
- Yellow (10%)
- Blue (14%)



- Cyan (56%)
- Magenta (3%)
- Yellow (0%)
- Black (86%)



- Cyan (94%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.4330, 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 29.4330, 3.2375, -11.7807 by changing the saturation by 10% instead.

■ 29.4330, 3.2375,
-11.7807

■ 29.4330, 3.2375,
-11.7807

■ 251.1130, 1.9163,
-7.9921

■ 9.9280, 2.5005,
-8.7069

■ 73.4330, 3.2375,
-11.7807

■ 0.0000, 0.0000,
0.0000

■ 97.1340, 3.3849,
-12.3955

■ 122.5360, 3.6798,
-13.6251

■ 148.5360, 3.6798,
-13.6251

■ 174.5360, 3.6798,
-13.6251

■ 202.2370, 3.8272,

-14.2398

■ 230.2370, 3.8272,
-14.2398

■ 29.4330, 3.2375,
-11.7807

■ 29.4330, 3.2375,
-11.7807

■ 28.2370, 3.8272,
-14.2398

■ 30.6290, 2.6479,
-9.3216

■ 27.3400, 4.2694,
-16.0842

■ 31.5260, 2.2057,
-7.4773

■ 25.5570, 5.1484,
-18.0285

■ 33.3090, 1.3267,
-5.5330

■ 24.6600, 5.5906,
-19.8728

■ 34.2060, 0.8844,
-3.6887

■ 24.0620, 5.8854,
-21.1024

■ 35.4020, 0.2948,
-1.2296

■ 36.5980, -0.2948,
1.2296

■ 37.4950, -0.7370,
3.0739

■ 38.6910, -1.3267,
5.5330

■ 40.1750, -2.0583,
6.8625

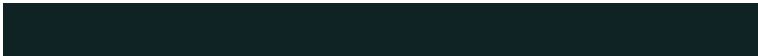
Harmonies

Analogous

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



29.6460, 0.1745, -9.3365



29.4330, 3.2375, -11.7807



29.7150, 5.5635, -11.1511

Triad

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



29.4330, 3.2375, -11.7807



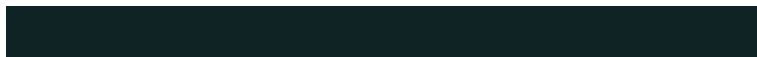
32.8310, 3.0413, 4.5332



31.6540, -5.2524, 4.6884

Complementary

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



29.4330, 3.2375, -11.7807



22.5670, -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.



31.9040, -4.3897, 7.9772



29.4330, 3.2375, -11.7807



32.8700, 0.5571, 8.0070

Square

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



29.4330, 3.2375, -11.7807



32.2540, 4.8048, -1.0998



32.4850, -2.2111, 9.2217



31.4470, -4.6574, 0.4850

Rectangle

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



29.4330, 3.2375, -11.7807



30.4380, 5.7001, -8.2771



32.4850, -2.2111, 9.2217



32.3660, -5.1104, 5.8180

Sweetspot

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



29.4330, 3.2375, -11.7807



43.6080, 1.1793, -4.9182



27.8540, -5.3510, -10.3960



21.5050, 0.7370, -3.0739



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.



29.4330, 3.2375, -11.7807



35.5570, 5.1484, -18.0285



23.5630, 6.1314, -6.6328



17.4020, 0.2948, -1.2296



55.1340, 13.2449, -48.3525



140.6390, 33.7020, -123.3404

Inverse Universe

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



24.1460, 5.3510, 10.3960



27.5750, 8.0975, 16.1587



28.4370, -6.1314, 6.6328



16.8260, 0.5788, 1.0296



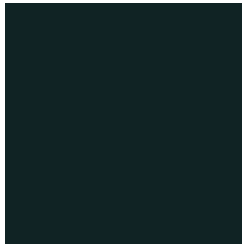
33.4100, 21.9829, 42.6134



85.1770, 56.1147, 108.5928

Previews

White Background



This preview shows how the YUV color 29.4330, 3.2375, -11.7807 looks on a white background.

Color Contrast Check

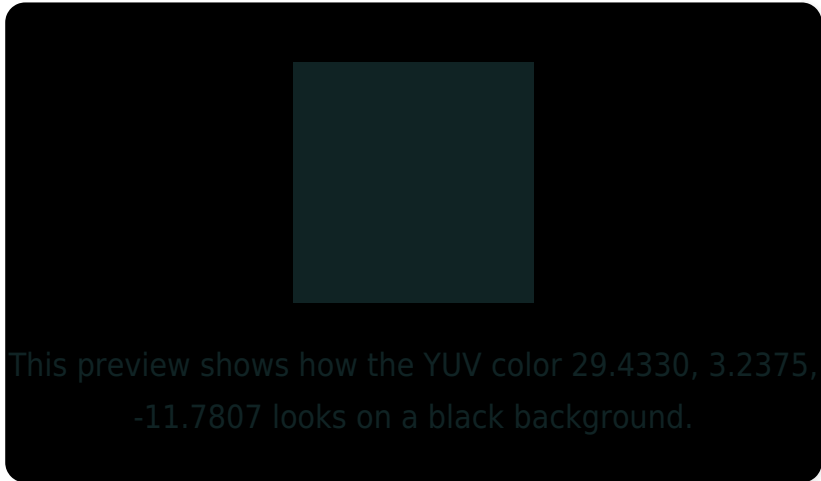
Large Text (above 18pt) WCAG AA ✓ Pass

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

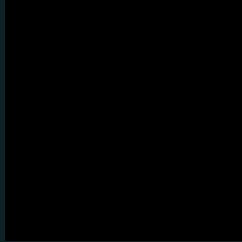
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

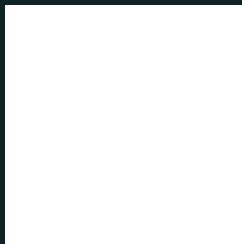
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 29.4330, 3.2375, -11.7807

Background



This preview shows how black text looks on a background with the YUV color 29.4330, 3.2375, -11.7807.



This preview shows how white text looks on a background with the YUV color 29.4330, 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

29.4330, 3.2375, -11.7807

Protanopia

32.2280, 0.8736, -0.2000

Deuteranopia

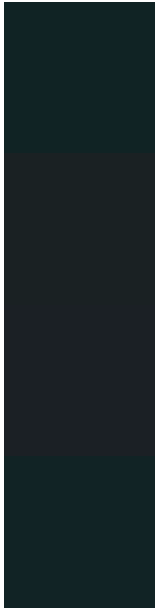
32.2820, 2.3260, 0.6297



Tritanopia

29.9600, 3.9637, -11.3659

Trichromacy



Original Color

29.4330, 3.2375, -11.7807

Protanomaly

31.1350, 1.9054, -4.5034

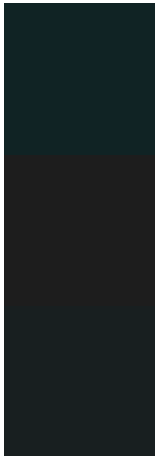
Deuteranomaly

31.0750, 2.9210, -3.5738

Tritanomaly

29.8460, 3.5269, -11.2659

Monochromacy



Original Color

29.4330, 3.2375, -11.7807

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.4330, 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(16, 35, 36)` looks like.

```
.text, #text, p{  
    color:rgb(16, 35, 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(16, 35, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 35, 36) }
```

Border

The CSS property to change the border of an element to YUV 29.4330, 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(16, 35, 36) }
```


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

```
.border{ border-color:rgb(16, 35, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 35, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 35, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 35, 36);  
box-shadow:4px 4px 4px 4px rgb(16, 35, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.4330, 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(16, 35, 36) }
```

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

```
.background{ background-color: rgb(16, 35,  
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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