

Converting Colors

YUV(29.6610, 4.1111, -11.9807)

Have a look what the booklet for
YUV(29.6610, 4.1111, -11.9807)
contains.

YUV(29.6610, 4.1111, -11.9807)	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(29.6610, 4.1111,
-11.9807)**

Conversions

Conversions Part 1

Format	Color
Hex	102326
RGB	16, 35, 38
RGB Percent	6%, 14%, 15%
CMY	0.9373, 0.8627, 0.8510
CMYK	0.58, 0.08, 0.00, 0.85
HSL	188°, 41%, 11%
HSV	188°, 58%, 15%
XYZ	1.1646, 1.4522, 2.0526
YIQ	29.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

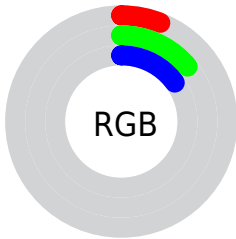
Format	Color
R_{YB}	16, 26, 38
Decimal	1057574
CIE Lab	12.30, -6.72, -4.43
CIE LCh	12, 8.049, 213.435
Yxy	1.4522, 0.2494, 0.3110
Android (android.graphics.Color)	4279247654 (0xFF102326)
YUV	29.6610, 4.1111, -11.9807
Hunter-Lab	12.0506, -3.8382, -1.6638

Details

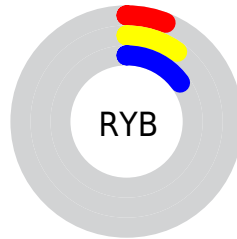
The YUV color **29.6610, 4.1111, -11.9807** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **24.3390, -4.1111, 11.9807**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.7750, 4.5479, -12.0807**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.8780, 4.9901, -13.9250**, and if you desaturate by 10%, it is **31.4440, 3.2321, -10.0364**.

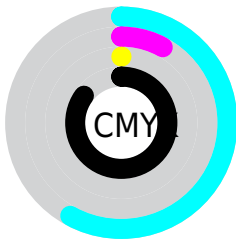
Distribution



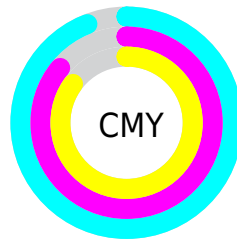
- Red (6%)
- Green (14%)
- Blue (15%)



- Red (6%)
- Yellow (10%)
- Blue (15%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (85%)



- Cyan (94%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.6610, 4.1111, -11.9807 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 29.6610, 4.1111, -11.9807 by changing the saturation by 10% instead.

■ 29.6610, 4.1111,
-11.9807

■ 29.6610, 4.1111,
-11.9807

■ 251.4120, 1.7689,
-7.3773

■ 10.1560, 3.3741,
-8.9068

■ 73.7750, 4.5479,
-12.0807

■ 0.0000, 0.0000,
0.0000

■ 97.4760, 4.6953,
-12.6955

■ 123.0630, 4.4059,
-13.2103

■ 148.7640, 4.5533,
-13.8250

■ 174.8780, 4.9901,
-13.9250

■ 202.8780, 4.9901,

-13.9250

■ 230.5790, 5.1376,
-14.5398

■ 29.6610, 4.1111,
-11.9807

■ 29.6610, 4.1111,
-11.9807

■ 27.8780, 4.9901,
-13.9250

■ 31.4440, 3.2321,
-10.0364

■ 26.6820, 5.5798,
-16.3841

■ 32.6400, 2.6425,
-7.5773

■ 25.1980, 6.3114,
-17.7136

■ 34.1240, 1.9109,
-6.2477

■ 24.0020, 6.9010,
-20.1728

■ 35.3200, 1.3212,
-3.7886

■ 23.7030, 7.0484,
-20.7875

■ 37.1030, 0.4422,
-1.8443

■ 38.2990, -0.1474,
0.6148

■ 40.0820, -1.0264,
2.5591

■ 40.9790, -1.4686,
4.4034

■ 42.7620, -2.3477,
6.3477

Harmonies

Analogous

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



29.6890, 1.6323, -10.2513



29.6610, 4.1111, -11.9807



30.4270, 5.7055, -10.0215

Triad

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



29.6610, 4.1111, -11.9807



33.2010, 1.8729, 5.9627



31.9420, -5.3944, 3.5589

Complementary

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



29.6610, 4.1111, -11.9807



24.3390, -4.1111, 11.9807

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.



32.0780, -4.9685, 6.9476



29.6610, 4.1111, -11.9807



32.9410, -0.4639, 8.8217

Square

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



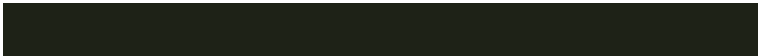
29.6610, 4.1111, -11.9807



32.4500, 4.2151, 1.3593



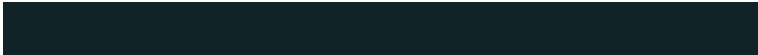
32.8440, -3.3741, 8.9068



31.5500, -4.2151, -1.3593

Rectangle

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



29.6610, 4.1111, -11.9807



31.4490, 5.6946, -6.5328



32.8440, -3.3741, 8.9068



31.6540, -5.2524, 4.6884

Sweetspot

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



29.6610, 4.1111, -11.9807



45.0210, 1.4686, -4.4034



29.2560, -5.0562, -11.6255



23.6190, 1.1738, -3.1739



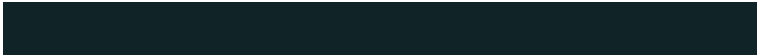
153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



29.6610, 4.1111, -11.9807



35.7850, 6.0220, -18.2284



23.2040, 7.2944, -6.3179



17.4020, 0.2948, -1.2296



50.4380, 15.5601, -44.2341



130.0730, 38.9110, -114.0740

Inverse Universe

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



24.7440, 5.0562, 11.6255



28.1730, 7.8027, 17.3883



30.7960, -7.2944, 6.3179



16.8260, 0.5788, 1.0296



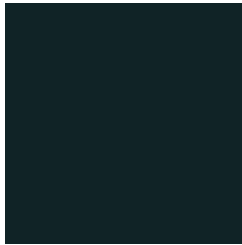
32.4980, 18.4885, 43.4133



83.1250, 48.2524, 110.3924

Previews

White Background



This preview shows how the YUV color 29.6610, 4.1111, -11.9807 looks on a white background.

Color Contrast Check

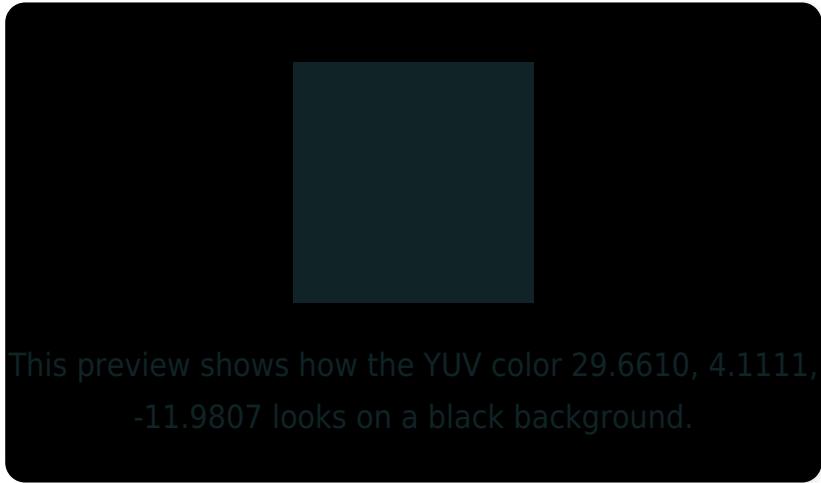
Large Text (above 18pt) WCAG AA ✓ Pass

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

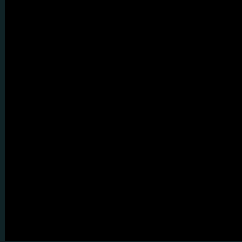
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

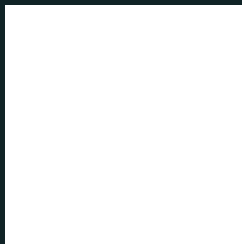
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 29.6610, 4.1111, -11.9807

Background



This preview shows how black text looks on a background with the YUV color 29.6610, 4.1111, -11.9807.



This preview shows how white text looks on a background with the YUV color 29.6610, 4.1111, -11.9807.

-11.9807.

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

29.6610, 4.1111, -11.9807

Protanopia

32.4560, 1.7472, -0.3999

Deuteranopia

32.2110, 3.3470, -0.1850



Tritanopia

29.6610, 4.1111, -11.9807

Trichromacy



Original Color

29.6610, 4.1111, -11.9807

Protanomaly

31.3630, 2.7790, -4.7034

Deuteranomaly

31.0040, 3.9420, -4.3885

Tritanomaly

29.6610, 4.1111, -11.9807

Monochromacy



Original Color

29.6610, 4.1111, -11.9807

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.6610, 4.1111, -11.9807 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, 38)` looks like.

```
.text, #text, p{  
    color:rgb(16, 35, 38)  
}
```

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, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 35, 38) }
```

Border

The CSS property to change the border of an element to YUV 29.6610, 4.1111, -11.9807 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, 38) }
```


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

```
.border{ border-color:rgb(16, 35, 38) }
```

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, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 35, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 35, 38);  
box-shadow:4px 4px 4px 4px rgb(16, 35, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.6610, 4.1111, -11.9807 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, 38) }
```

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

```
.background{ background-color: rgb(16, 35,  
38) }
```

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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