

Converting Colors

YUV(29.6130, 0.1908, -14.5696)

Have a look what the booklet for
YUV(29.6130, 0.1908, -14.5696)
contains.

| | |
|--|----|
| YUV(29.6130, 0.1908, -14.5696) | 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(29.6130, 0.1908,
-14.5696)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0D261E |
| RGB | 13, 38, 30 |
| RGB Percent | 5%, 15%, 12% |
| CMY | 0.9490, 0.8510, 0.8824 |
| CMYK | 0.66, 0.00, 0.21, 0.85 |
| HSL | 161°, 49%, 10% |
| HSV | 161°, 66%, 15% |
| XYZ | 1.0934, 1.5655, 1.4728 |
| YIQ | 29.6130, -12.3320, -7.7880 |

Conversions

Conversions Part 2

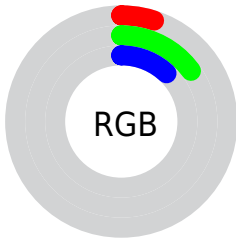
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 13, 28, 38 |
| Decimal | 861726 |
| CIELab | 13.02, -12.21, 2.38 |
| CIELCh | 13, 12.438, 168.974 |
| Yxy | 1.5655, 0.2646, 0.3789 |
| Android (android.graphics.Color) | 4279051806 (0xFF0D261E) |
| YUV | 29.6130, 0.1908, -14.5696 |
| Hunter-Lab | 12.5121, -6.2970, 1.7793 |

Details

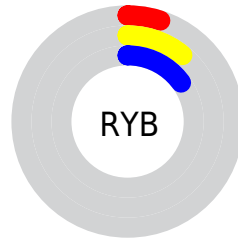
The YUV color **29.6130, 0.1908, -14.5696** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **21.3870, -0.1908, 14.5696**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.2000, -0.0986, -15.0844**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.3030, 0.3436, -16.9287**, and if you desaturate by 10%, it is **30.9230, 0.0380, -12.2105**.

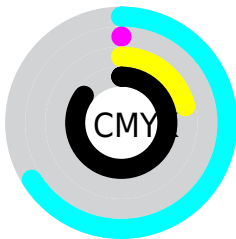
Distribution



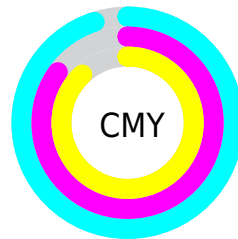
- Red (5%)
- Green (15%)
- Blue (12%)



- Red (5%)
- Yellow (11%)
- Blue (15%)



- Cyan (66%)
- Magenta (0%)
- Yellow (21%)
- Black (85%)



- Cyan (95%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.6130, 0.1908, -14.5696 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 29.6130, 0.1908, -14.5696 by changing the saturation by 10% instead.

■ 29.6130, 0.1908,
-14.5696

■ 29.6130, 0.1908,
-14.5696

■ 250.5150, 2.2111,
-9.2217

■ 11.1360, -3.0250,
-9.7663

■ 74.2000, -0.0986,
-15.0844

■ 0.0000, 0.0000,
0.0000

■ 97.7870, -0.3880,
-15.5992

■ 123.3740, -0.6774,
-16.1140

■ 149.0750, -0.5300,
-16.7288

■ 175.6620, -0.8194,
-17.2436

■ 202.7760, -0.3826,

-17.3436

■ 231.3630, -0.6720,
-17.8584

■ 29.6130, 0.1908,
-14.5696

■ 29.6130, 0.1908,
-14.5696

■ 28.3030, 0.3436,
-16.9287

■ 30.9230, 0.0380,
-12.2105

■ 26.9930, 0.4965,
-19.2879

■ 32.2330, -0.1149,
-9.8513

■ 25.8680, 0.0651,
-20.9322

■ 33.3580, 0.3165,
-8.2070

■ 25.2700, 0.3599,
-22.1618

■ 34.6680, 0.1637,
-5.8478

■ 35.9780, 0.0108,
-3.4887

■ 37.2880, -0.1420,
-1.1296

■ 38.7120, 0.1420,
1.1296

■ 39.7230, 0.1366,
2.8739

■ 41.0330, -0.0163,
5.2331

Harmonies

Analogous

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



31.4030, -4.6357, -6.4924



29.6130, 0.1908, -14.5696



27.6490, 5.5960, -21.6172

Triad

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



29.6130, 0.1908, -14.5696



34.0410, 7.8678, -3.5440



33.7690, -6.2951, 12.4806

Complementary

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



29.6130, 0.1908, -14.5696



21.3870, -0.1908, 14.5696

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.



33.9910, -2.9536, 14.0399



29.6130, 0.1908, -14.5696



34.4120, 5.2199, 5.7777

Square

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



29.6130, 0.1908, -14.5696



31.0290, 9.3527, -13.1804



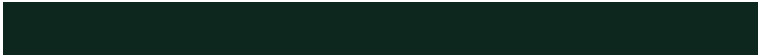
34.4190, 1.2724, 11.9105



33.1660, -8.4628, 7.7474

Rectangle

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



29.6130, 0.1908, -14.5696



27.9200, 7.9274, -22.7318



34.4190, 1.2724, 11.9105



33.7090, -5.2795, 13.4102

Sweetspot

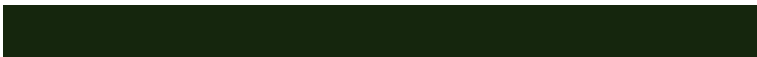
The Sweet Spot groups the original color and five complimentary colors.



29.6130, 0.1908, -14.5696



44.9670, 0.0163, -5.2331



30.0670, -8.4140, -7.9518



23.6790, 0.1583, -4.1035



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.



29.6130, 0.1908, -14.5696



35.2700, 0.3599, -22.1618



28.1770, 4.8427, -13.3102



17.2880, -0.1420, -1.1296



54.4040, 0.2938, -47.7123



138.8710, 1.5426, -121.7899

Inverse Universe

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



21.3870, -0.1908, 14.5696



22.7300, -0.3599, 22.1618



22.8230, -4.8427, 13.3102



16.7120, 0.1420, 1.1296



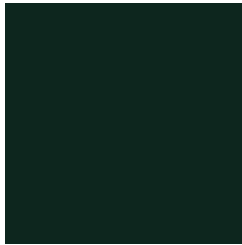
27.4820, -0.7306, 47.8123



70.1290, -1.5426, 121.7899

Previews

White Background



This preview shows how the YUV color 29.6130, 0.1908, -14.5696 looks on a white background.

Color Contrast Check

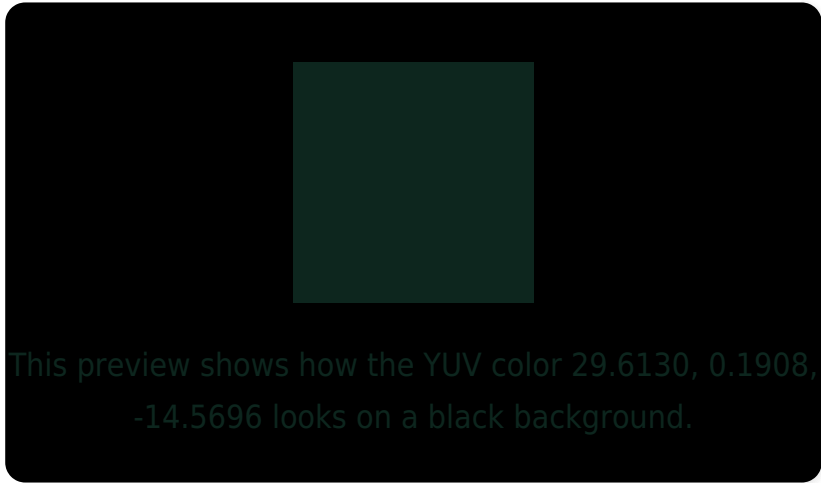
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6130, 0.1908, -14.5696

Background



This preview shows how black text looks on a background with the YUV color 29.6130, 0.1908, -14.5696.



This preview shows how white text looks on a background with the YUV color 29.6130, 0.1908, -14.5696.

-14.5696.

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

29.6130, 0.1908, -14.5696

Protanopia

33.9140, -2.9156, 1.8294

Deuteranopia

34.2670, -1.6106, 3.2738



Tritanopia

31.3620, 4.2585, -12.5955

Trichromacy



Original Color

29.6130, 0.1908, -14.5696

Protanomaly

32.2230, -1.5889, -3.7036

Deuteranomaly

32.7500, -0.8628, -3.2887

Tritanomaly

30.6070, 2.6587, -12.8103

Monochromacy



Original Color

29.6130, 0.1908, -14.5696

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9670, 0.0163, -5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.6130, 0.1908, -14.5696 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(13, 38, 30)` looks like.

```
.text, #text, p{  
    color:rgb(13, 38, 30)  
}
```

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(13, 38, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 38, 30) }
```

Border

The CSS property to change the border of an element to YUV 29.6130, 0.1908, -14.5696 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(13, 38, 30) }
```


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

```
.border{ border-color:rgb(13, 38, 30) }
```

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

Here you see how a box with a 4 pixel rgb(13, 38, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 38, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 38, 30);  
box-shadow:4px 4px 4px 4px rgb(13, 38, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.6130, 0.1908, -14.5696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 38, 30) }
```

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

```
.background{ background-color: rgb(13, 38,  
30) }
```

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