

Converting Colors

YUV(33.0860, 30.0306, 27.9886)

Have a look what the booklet for
YUV(33.0860, 30.0306, 27.9886)
contains.

YUV(33.0860, 30.0306, 27.9886)	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(33.0860, 30.0306,
27.9886)**

Conversions

Conversions Part 1

Format	Color
Hex	41055E
RGB	65, 5, 94
RGB Percent	25%, 2%, 37%
CMY	0.7451, 0.9804, 0.6314
CMYK	0.31, 0.95, 0.00, 0.63
HSL	280°, 90%, 19%
HSV	280°, 95%, 37%
XYZ	4.2546, 2.0405, 10.7593
YIQ	33.0860, 7.1910, 40.3990

Conversions

Conversions Part 2

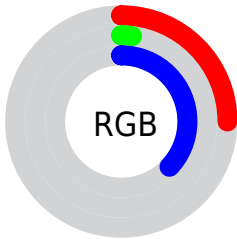
Format	Color
R_{YB}	65, 5, 94
Decimal	4261214
CIE _{Lab}	15.70, 40.90, -37.81
CIE _{LCh}	16, 55.701, 317.248
Yxy	2.0405, 0.2495, 0.1196
Android (android.graphics.Color)	4282451294 (0xFF41055E)
YUV	33.0860, 30.0306, 27.9886
Hunter-Lab	14.2846, 28.1674, -34.6584




Details

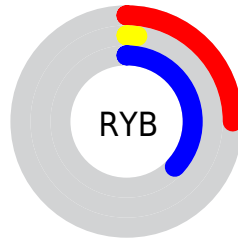
The YUV color **33.0860, 30.0306, 27.9886** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **65.9140, -30.0306, -27.9886**, and the grayscale version is **33.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **85.5590, 29.3044, 27.5738**, and **9.5440, 18.4658, 3.9079** is the 20% darker color. If you saturate the color by 10%, you get **29.5530, 31.7724, 29.3330**, and if you desaturate by 10%, it is **39.2660, 26.9839, 25.1997**.

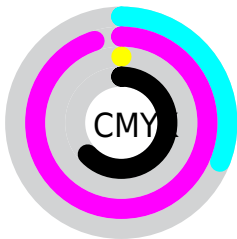
Distribution







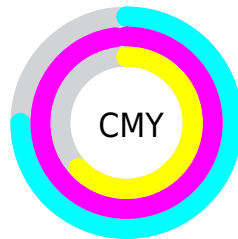
-  Red (25%)
-  Green (2%)
-  Blue (37%)






-  Red (25%)
-  Yellow (2%)
-  Blue (37%)



-  Cyan (31%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (75%)
-  Magenta (98%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.0860, 30.0306, 27.9886 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 33.0860, 30.0306, 27.9886 by changing the saturation by 10% instead.

■ 33.0860, 30.0306,
27.9886

■ 33.0860, 30.0306,
27.9886

■ 249.7170, 2.6045,
4.6332

■ 19.9400, 24.6796,
17.5926

■ 85.5590, 29.3044,
27.5738

■ 9.5440, 18.4658,
3.9079

■ 111.3850, 29.8832,
28.6034

■ 3.4370, 10.6306,
-3.0142

■ 137.3250, 30.8988,
29.5330


■ 0.0000, 0.0000,
0.0000


■ 164.1510, 31.4776,
30.5626


■ 191.7490, 31.1827,
31.7921


■ 216.2580, 19.0998,


33.9767


 232.6940, 10.9969,
19.5624


 33.0860, 30.0306,
27.9886

 33.0860, 30.0306,
27.9886


 29.5530, 31.7724,
29.3330

 39.2660, 26.9839,
25.1997

 46.0330, 23.6477,
21.8961

 52.2130, 20.6010,
19.1072

 58.9800, 17.2649,
15.8035

 65.1600, 14.2181,
13.0147

■ 71.3400, 11.1714,
10.2258

■ 78.1070, 7.8352,
6.9222

■ 84.5860, 4.6411,
4.7481

■ 91.3530, 1.3050,
1.4444

Harmonies

Analogous

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



35.0570, 40.3979, -30.7450



33.0860, 30.0306, 27.9886



35.6150, 11.0358, 53.8346

Triad

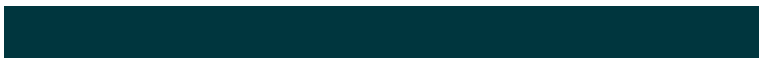
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.0860, 30.0306, 27.9886



37.0340, -18.2578, 22.7722



38.7660, 11.4544, -33.9978

Complementary

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



33.0860, 30.0306, 27.9886



65.9140, -30.0306, -27.9886

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.



33.3910, -6.6018, -29.2839



33.0860, 30.0306, 27.9886



34.2000, -16.8606, -5.4374

Square

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



33.0860, 30.0306, 27.9886



26.6110, -13.1192, 54.7152



29.3500, -14.4695, -25.7399



42.2830, 27.4685, -37.0822

Rectangle

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



33.0860, 30.0306, 27.9886



34.4450, -1.2054, 60.1227



29.3500, -14.4695, -25.7399



37.1700, 5.3392, -32.5981

Sweetspot

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



33.0860, 30.0306, 27.9886



98.7530, 11.4608, 10.7406



32.7560, 30.1933, -24.3420



46.5800, 7.1091, 6.5073



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



33.0860, 30.0306, 27.9886



38.7250, 41.0546, 38.8292



40.0470, 19.2038, 47.3168



42.4670, 1.7418, 1.3444



34.6660, 37.1397, 34.4959



74.8580, 79.9360, 74.6695

Inverse Universe

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



34.9170, -0.4521, 51.8158



41.0380, -0.5117, 71.0037



58.9530, -19.2038, -47.3168



42.7230, 0.1366, 2.8739



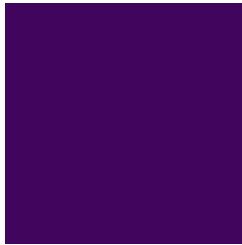
36.9940, -0.4900, 64.0263



79.6410, -1.3020, 138.0038

Previews

White Background



This preview shows how the YUV color 33.0860, 30.0306, 27.9886 looks on a white background.

Color Contrast Check

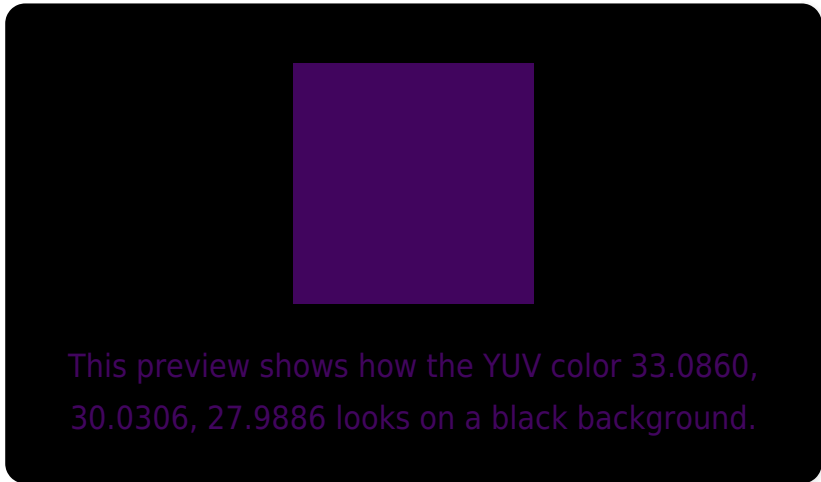
Large Text (above 18pt) WCAG AA ✓ Pass

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

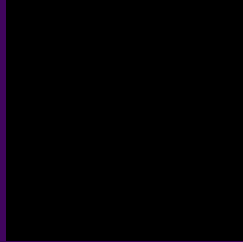
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.0860, 30.0306, 27.9886

Background



This preview shows how black text looks on a background with the YUV color 33.0860, 30.0306, 27.9886.



This preview shows how white text looks on a background with the YUV color 33.0860, 30.0306,

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

33.0860, 30.0306, 27.9886

Protanopia

33.8710, 25.6996, -29.7049

Deuteranopia

33.6770, 19.8792, -29.5347



Tritanopia

43.0230, -1.4903, 11.3808

Trichromacy



Original Color

33.0860, 30.0306, 27.9886

Protanomaly

33.7580, 27.2343, -8.5578

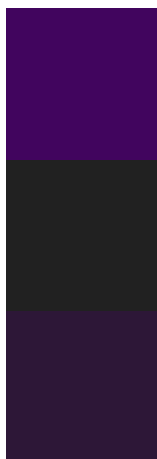
Deuteranomaly

33.4330, 23.4505, -8.2727

Tritanomaly

39.1560, 10.2761, 17.4032

Monochromacy



Original Color

33.0860, 30.0306, 27.9886

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.2260, 10.7346, 10.3258

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.0860, 30.0306, 27.9886 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(65, 5, 94)` looks like.

```
.text, #text, p{  
    color:rgb(65, 5, 94)  
}
```

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(65, 5, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 5, 94) }
```

Border

The CSS property to change the border of an element to YUV 33.0860, 30.0306, 27.9886 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(65, 5, 94) }
```


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

```
.border{ border-color:rgb(65, 5, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 5, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 5, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 5, 94); box-shadow:4px  
4px 4px 4px rgb(65, 5, 94) }
```

Background

The CSS property to change the background color of an element to YUV 33.0860, 30.0306, 27.9886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 5, 94) }
```

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

```
.background{ background-color: rgb(65, 5,  
94) }
```

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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