

Converting Colors

YUV(38.3080, -0.6448, -26.5801)

Have a look what the booklet for
YUV(38.3080, -0.6448, -26.5801)
contains.

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Color

**YUV(38.3080, -0.6448,
-26.5801)**

Conversions

Conversions Part 1

Format	Color
Hex	083625
RGB	8, 54, 37
RGB Percent	3%, 21%, 15%
CMY	0.9686, 0.7882, 0.8549
CMYK	0.85, 0.00, 0.31, 0.79
HSL	158°, 74%, 12%
HSV	158°, 85%, 21%
XYZ	1.7532, 2.8235, 2.2029
YIQ	38.3080, -21.9590, -15.0390

Conversions

Conversions Part 2

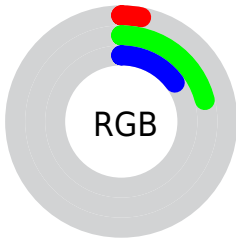
Format	Color
R_{YB}	8, 36, 54
Decimal	538149
CIE _{Lab}	19.32, -20.14, 6.40
CIE _{LCh}	19, 21.137, 162.362
Yxy	2.8235, 0.2586, 0.4165
Android (android.graphics.Color)	4278728229 (0xFF083625)
YUV	38.3080, -0.6448, -26.5801
Hunter-Lab	16.8034, -10.7815, 3.9897

Details

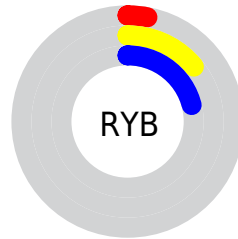
The YUV color **38.3080, -0.6448, -26.5801** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **23.6920, 0.6448, 26.5801**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.9770, -1.9607, -24.5358**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.5850, -0.7814, -29.4540**, and if you desaturate by 10%, it is **40.0310, -0.5083, -23.7062**.

Distribution



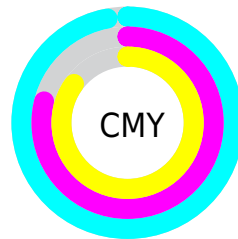
- Red (3%)
- Green (21%)
- Blue (15%)



- Red (3%)
- Yellow (14%)
- Blue (21%)



- Cyan (85%)
- Magenta (0%)
- Yellow (31%)
- Black (79%)



- Cyan (97%)
- Magenta (79%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.3080, -0.6448, -26.5801 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 38.3080, -0.6448, -26.5801 by changing the saturation by 10% instead.

■ 38.3080, -0.6448,
-26.5801

■ 38.3080, -0.6448,
-26.5801

■ 251.7110, 1.6215,
-6.7625

■ 21.1950, -2.5611,
-18.5880

■ 85.9770, -1.9607,
-24.5358

■ 0.0000, 0.0000,
0.0000

■ 110.5640, -2.2501,
-25.0506

■ 136.1510, -2.5394,
-25.5654

■ 162.7380, -2.8288,
-26.0802

■ 190.3250, -3.1182,
-26.5950

■ 218.0260, -2.9708,

-27.2098

■ 241.3300, -0.6557,
-23.0914

■ 38.3080, -0.6448,
-26.5801

■ 38.3080, -0.6448,
-26.5801

■ 36.5850, -0.7814,
-29.4540

■ 40.0310, -0.5083,
-23.7062

■ 35.5740, -0.7760,
-31.1984

■ 42.0530, -0.5191,
-20.2175

■ 43.7760, -0.3826,
-17.3436

■ 45.7980, -0.3934,
-13.8548

■ 47.5210, -0.2569,
-10.9809

■ 49.2440, -0.1203,
-8.1070

■ 51.2660, -0.1311,
-4.6183

■ 52.9890, 0.0054,
-1.7444

■ 55.0110, -0.0054,
1.7444

Harmonies

Analogous

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



43.0130, -9.8664, -8.7814



38.3080, -0.6448, -26.5801



38.3270, 7.2338, -33.6128

Triad

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



38.3080, -0.6448, -26.5801



45.3480, 15.6044, -11.7062



46.6240, -9.6746, 23.1318

Complementary

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



38.3080, -0.6448, -26.5801



23.6920, 0.6448, 26.5801

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.



47.3560, -3.1335, 25.1208



38.3080, -0.6448, -26.5801



48.2040, 10.7454, 6.8371

Square

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



38.3080, -0.6448, -26.5801



38.6010, 18.4377, -33.8531



48.2720, 4.3029, 19.9325



46.0160, -14.3049, 14.8950

Rectangle

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



38.3080, -0.6448, -26.5801



38.8800, 11.8912, -34.0978



48.2720, 4.3029, 19.9325



47.0910, -7.9329, 24.4762

Sweetspot

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



38.3080, -0.6448, -26.5801



64.9340, 0.0325, -10.4661



40.3840, -15.9653, -12.6148



32.2550, -0.1257, -6.3626



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



38.3080, -0.6448, -26.5801



46.8070, -0.8909, -41.0497



37.3110, 8.2277, -25.7057



26.9890, 0.0054, -1.7444



60.6160, -1.2897, -53.1602



144.2850, -3.0985, -126.5379

Inverse Universe

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



23.6920, 0.6448, 26.5801



24.1930, 0.8909, 41.0497



24.6890, -8.2277, 25.7057



26.0110, -0.0054, 1.7444



31.3840, 1.2897, 53.1602



74.7150, 3.0985, 126.5379

Previews

White Background



This preview shows how the YUV color 38.3080, -0.6448, -26.5801 looks on a white background.

Color Contrast Check

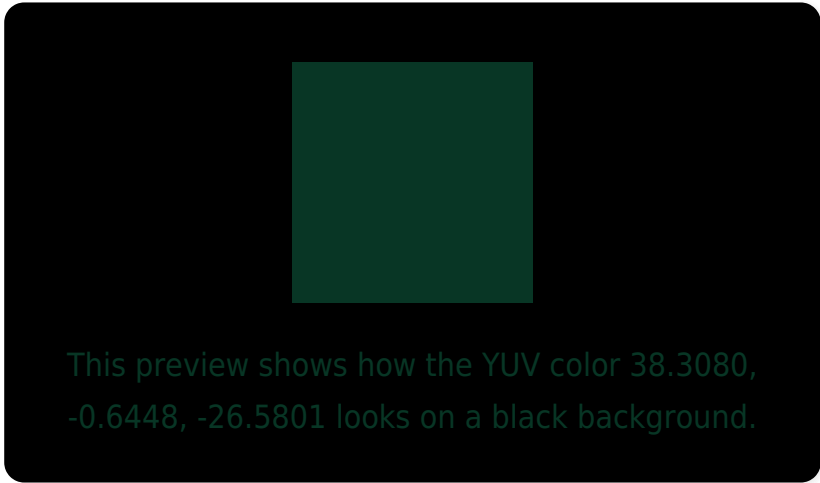
Large Text (above 18pt) WCAG AA ✓ Pass

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

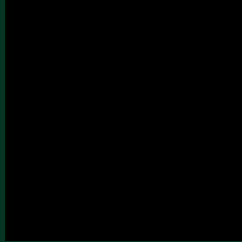
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.3080, -0.6448, -26.5801

Background



This preview shows how black text looks on a background with the YUV color 38.3080, -0.6448, -26.5801.



This preview shows how white text looks on a background with the YUV color 38.3080, -0.6448,

-26.5801.

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

38.3080, -0.6448, -26.5801

Protanopia

46.7140, -6.2680, 3.7588

Deuteranopia

47.0070, -3.9475, 6.1329



Tritanopia

42.8880, 6.4642, -20.0728

Trichromacy



Original Color

38.3080, -0.6448, -26.5801

Protanomaly

43.8050, -4.3409, -7.7220

Deuteranomaly

43.5710, -2.7465, -5.7628

Tritanomaly

41.4810, 3.7069, -22.3468

Monochromacy



Original Color

38.3080, -0.6448, -26.5801

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.2330, -0.1149, -9.8513

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.3080, -0.6448, -26.5801 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(8, 54, 37)` looks like.

```
.text, #text, p{  
    color:rgb(8, 54, 37)  
}
```

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(8, 54, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 54, 37) }
```

Border

The CSS property to change the border of an element to YUV 38.3080, -0.6448, -26.5801 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(8, 54, 37) }
```


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

```
.border{ border-color:rgb(8, 54, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 54, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 54, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 54, 37); box-shadow:4px  
4px 4px 4px rgb(8, 54, 37) }
```

Background

The CSS property to change the background color of an element to YUV 38.3080, -0.6448, -26.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 54, 37) }
```

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

```
.background{ background-color: rgb(8, 54,  
37) }
```

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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