

Converting Colors

YUV(43.3830, 2.2762, -30.1539)

Have a look what the booklet for
YUV(43.3830, 2.2762, -30.1539)
contains.

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Color

**YUV(43.3830, 2.2762,
-30.1539)**

Conversions

Conversions Part 1

Format	Color
Hex	093C30
RGB	9, 60, 48
RGB Percent	4%, 24%, 19%
CMY	0.9647, 0.7647, 0.8118
CMYK	0.85, 0.00, 0.20, 0.76
HSL	166°, 74%, 14%
HSV	166°, 85%, 24%
XYZ	2.2620, 3.5032, 3.3533
YIQ	43.3830, -26.5440, -14.5440

Conversions

Conversions Part 2

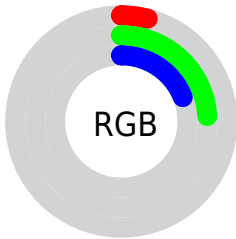
Format	Color
R_{YB}	9, 38, 60
Decimal	605232
CIE _{Lab}	21.96, -19.78, 2.75
CIE _{LCh}	22, 19.972, 172.083
Yxy	3.5032, 0.2481, 0.3842
Android (android.graphics.Color)	4278795312 (0xFF093C30)
YUV	43.3830, 2.2762, -30.1539
Hunter-Lab	18.7168, -11.1819, 2.4795

Details

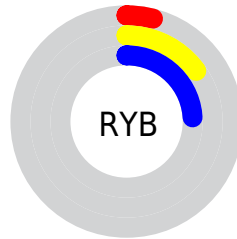
The YUV color **43.3830, 2.2762, -30.1539** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25.6170, -2.2762, 30.1539**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.3510, 0.8130, -27.4948**, and **7.6310, -3.7621, -6.6924** is the 20% darker color. If you saturate the color by 10%, you get **41.4750, 2.7238, -33.7426**, and if you desaturate by 10%, it is **45.2910, 1.8285, -26.5652**.

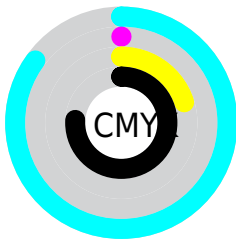
Distribution



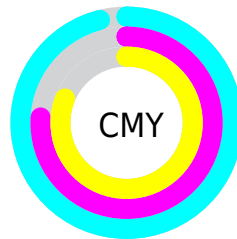
- Red (4%)
- Green (24%)
- Blue (19%)



- Red (4%)
- Yellow (15%)
- Blue (24%)



- Cyan (85%)
- Magenta (0%)
- Yellow (20%)
- Black (76%)



- Cyan (96%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.3830, 2.2762, -30.1539 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 43.3830, 2.2762, -30.1539 by changing the saturation by 10% instead.

43.3830, 2.2762,
-30.1539

43.3830, 2.2762,
-30.1539

252.9070, 1.0318,
-4.3034

25.3840, 0.7967,
-22.2618

92.3510, 0.8130,
-27.4948

7.6310, -3.7621,
-6.6924

117.0520, 0.9604,
-28.1096

0.0000, 0.0000,
0.0000

143.5250, 0.2342,
-28.5244

170.2260, 0.3816,
-29.1392

197.2260, 0.3816,
-29.1392

225.5140, 0.2396,

-30.2688

■ 244.2360, 5.3067,
-22.1320

■ 43.3830, 2.2762,
-30.1539

■ 43.3830, 2.2762,
-30.1539

■ 41.4750, 2.7238,
-33.7426

■ 45.2910, 1.8285,
-26.5652

■ 40.4640, 2.7292,
-35.4869

■ 47.3130, 1.8177,
-23.0765

■ 49.2210, 1.3700,
-19.4878

■ 51.2430, 1.3592,
-15.9991

■ 53.1510, 0.9116,
-12.4104

■ 55.0590, 0.4639,
-8.8217

■ 57.0810, 0.4531,
-5.3330

■ 58.9890, 0.0054,
-1.7444

■ 61.0110, -0.0054,
1.7444

Harmonies

Analogous

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



47.7890, -6.7980, -12.9700



43.3830, 2.2762, -30.1539



42.4020, 10.1548, -37.1866

Triad

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



43.3830, 2.2762, -30.1539



52.8220, 13.3988, -4.2289



52.5590, -11.1216, 20.5578

Complementary

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



43.3830, 2.2762, -30.1539



25.6170, -2.2762, 30.1539

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.



53.0740, -5.4595, 24.4911



43.3830, 2.2762, -30.1539



54.5420, 8.1138, 10.9257

Square

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



43.3830, 2.2762, -30.1539



47.3140, 17.1002, -24.8314



53.8870, 1.5347, 21.1471



51.4070, -14.0047, 11.9211

Rectangle

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



43.3830, 2.2762, -30.1539



42.8410, 14.3754, -37.5716



53.8870, 1.5347, 21.1471



52.3250, -9.5272, 22.5170

Sweetspot

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



43.3830, 2.2762, -30.1539



72.1510, 0.9116, -12.4104



42.8240, -16.6752, -18.2626



36.7710, 0.6059, -7.6922



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



43.3830, 2.2762, -30.1539



53.2130, 3.3460, -46.6678



37.1200, 11.2798, -24.6612



29.9890, 0.0054, -1.7444



63.3860, 4.2467, -55.5895



149.6940, 10.0109, -131.2816

Inverse Universe

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



25.6170, -2.2762, 30.1539



25.7870, -3.3460, 46.6678



31.8800, -11.2798, 24.6612



28.8970, -0.4422, 1.8443



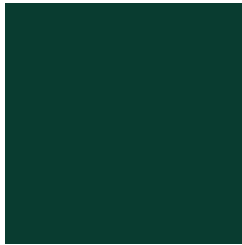
30.6140, -4.2467, 55.5895



72.3060, -10.0109, 131.2816

Previews

White Background



This preview shows how the YUV color 43.3830, 2.2762, -30.1539 looks on a white background.

Color Contrast Check

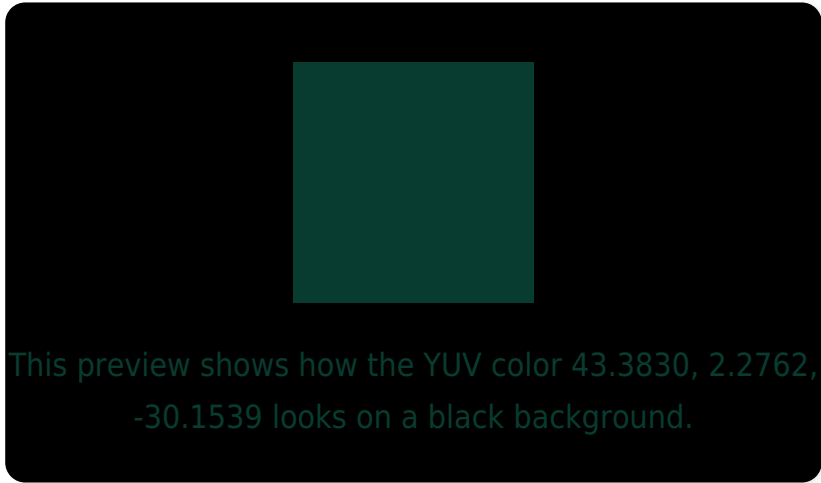
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3830, 2.2762, -30.1539

Background



This preview shows how black text looks on a background with the YUV color 43.3830, 2.2762, -30.1539.



This preview shows how white text looks on a background with the YUV color 43.3830, 2.2762, -30.1539.

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

43.3830, 2.2762, -30.1539

Protanopia

52.8710, -4.3734, 2.7441

Deuteranopia

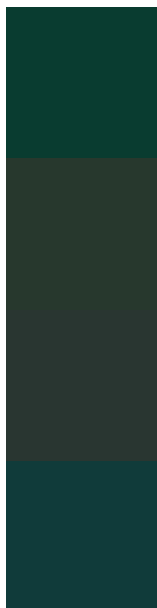
53.2780, -1.6161, 5.0182



Tritanopia

47.2080, 7.7855, -23.8614

Trichromacy



Original Color

43.3830, 2.2762, -30.1539

Protanomaly

49.6630, -2.2989, -9.3515

Deuteranomaly

49.5430, -0.2677, -7.4922

Tritanomaly

46.0290, 5.9017, -26.3354

Monochromacy



Original Color

43.3830, 2.2762, -30.1539

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.1620, 0.9061, -10.6661

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.3830, 2.2762, -30.1539 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(9, 60, 48)` looks like.

```
.text, #text, p{  
    color:rgb(9, 60, 48)  
}
```

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(9, 60, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 60, 48) }
```

Border

The CSS property to change the border of an element to YUV 43.3830, 2.2762, -30.1539 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(9, 60, 48) }
```


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

```
.border{ border-color:rgb(9, 60, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 60, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 60, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 60, 48); box-shadow:4px  
4px 4px 4px rgb(9, 60, 48) }
```

Background

The CSS property to change the background color of an element to YUV 43.3830, 2.2762, -30.1539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 60, 48) }
```

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

```
.background{ background-color: rgb(9, 60,  
48) }
```

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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