

Converting Colors

YUV(43.8130, 0.0922, -29.6540)

Have a look what the booklet for
YUV(43.8130, 0.0922, -29.6540)
contains.

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Color

**YUV(43.8130, 0.0922,
-29.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	0A3D2C
RGB	10, 61, 44
RGB Percent	4%, 24%, 17%
CMY	0.9608, 0.7608, 0.8275
CMYK	0.84, 0.00, 0.28, 0.76
HSL	160°, 72%, 14%
HSV	160°, 84%, 24%
XYZ	2.2485, 3.5839, 2.9561
YIQ	43.8130, -24.9390, -16.0990

Conversions

Conversions Part 2

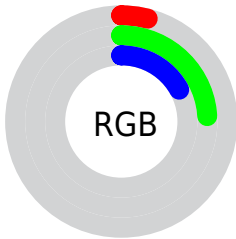
Format	Color
R_{YB}	10, 41, 61
Decimal	671020
CIE _{Lab}	22.25, -21.31, 5.83
CIE _{LCh}	22, 22.097, 164.704
Yxy	3.5839, 0.2558, 0.4078
Android (android.graphics.Color)	4278861100 (0xFF0A3D2C)
YUV	43.8130, 0.0922, -29.6540
Hunter-Lab	18.9311, -11.9281, 3.9936

Details

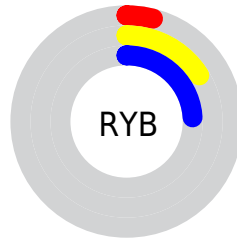
The YUV color **43.8130, 0.0922, -29.6540** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27.1870, -0.0922, 29.6540**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.4820, -1.2236, -27.6097**, and **8.8050, -4.3409, -7.7220** is the 20% darker color. If you saturate the color by 10%, you get **41.7910, 0.1030, -33.1427**, and if you desaturate by 10%, it is **45.8350, 0.0813, -26.1653**.

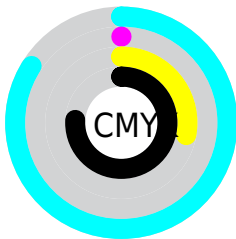
Distribution



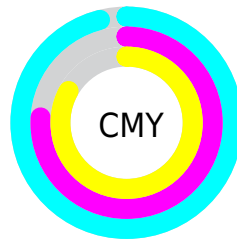
- Red (4%)
- Green (24%)
- Blue (17%)



- Red (4%)
- Yellow (16%)
- Blue (24%)



- Cyan (84%)
- Magenta (0%)
- Yellow (28%)
- Black (76%)



- Cyan (96%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.8130, 0.0922, -29.6540 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 43.8130, 0.0922, -29.6540 by changing the saturation by 10% instead.

■ 43.8130, 0.0922,
-29.6540

■ 43.8130, 0.0922,
-29.6540

■ 253.2060, 0.8844,
-3.6887

■ 25.5150, -1.2399,
-22.3767

■ 92.4820, -1.2236,
-27.6097

■ 8.8050, -4.3409,
-7.7220

■ 117.3680, -1.6604,
-27.5097

■ 0.0000, 0.0000,
0.0000

■ 143.5420, -2.2392,
-28.5393

■ 170.2430, -2.0918,
-29.1541

■ 197.8300, -2.3812,
-29.6689

■ 225.8300, -2.3812,

-29.6689

■ 243.8510, 2.5385,
-20.9173

■ 43.8130, 0.0922,
-29.6540

■ 43.8130, 0.0922,
-29.6540

■ 41.7910, 0.1030,
-33.1427

■ 45.8350, 0.0813,
-26.1653

■ 40.4810, 0.2559,
-35.5018

■ 47.8570, 0.0705,
-22.6766

■ 49.8790, 0.0597,
-19.1879

■ 51.9010, 0.0488,
-15.6992

■ 54.2220, -0.1094,
-11.5957

■ 56.2440, -0.1203,
-8.1070

■ 58.2660, -0.1311,
-4.6183

■ 60.2880, -0.1420,
-1.1296

■ 62.3100, -0.1528,
2.3591

Harmonies

Analogous

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



49.0020, -9.8610, -10.5258



43.8130, 0.0922, -29.6540



43.3480, 8.7024, -38.0162

Triad

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



43.8130, 0.0922, -29.6540



52.4730, 16.0358, -10.0618



52.9940, -10.8430, 24.5613

Complementary

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



43.8130, 0.0922, -29.6540



27.1870, -0.0922, 29.6540

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.



53.8400, -3.8651, 26.4503



43.8130, 0.0922, -29.6540



55.2150, 10.7400, 8.5814

Square

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



43.8130, 0.0922, -29.6540



43.1490, 20.6325, -37.8417



54.7560, 3.5713, 21.2620



52.0870, -15.3259, 15.7097

Rectangle

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



43.8130, 0.0922, -29.6540



43.9010, 13.3598, -38.5012



54.7560, 3.5713, 21.2620



53.4610, -9.1013, 25.9057

Sweetspot

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



43.8130, 0.0922, -29.6540



72.2220, -0.1094, -11.5957



45.0200, -17.2649, -15.8035



36.9560, 0.0217, -6.9774



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

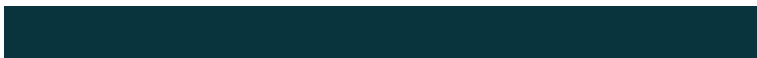
The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.8130, 0.0922, -29.6540



52.4150, 0.2884, -45.9680



40.4680, 10.1223, -26.7204



29.9890, 0.0054, -1.7444



62.3600, 0.3155, -54.6897



147.1860, 0.4013, -129.0821

Inverse Universe

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



27.1870, -0.0922, 29.6540



26.5850, -0.2884, 45.9680



29.9450, -9.8329, 27.2352



29.0110, -0.0054, 1.7444



31.6400, -0.3155, 54.6897



74.8140, -0.4013, 129.0821

Previews

White Background



This preview shows how the YUV color 43.8130, 0.0922, -29.6540 looks on a white background.

Color Contrast Check

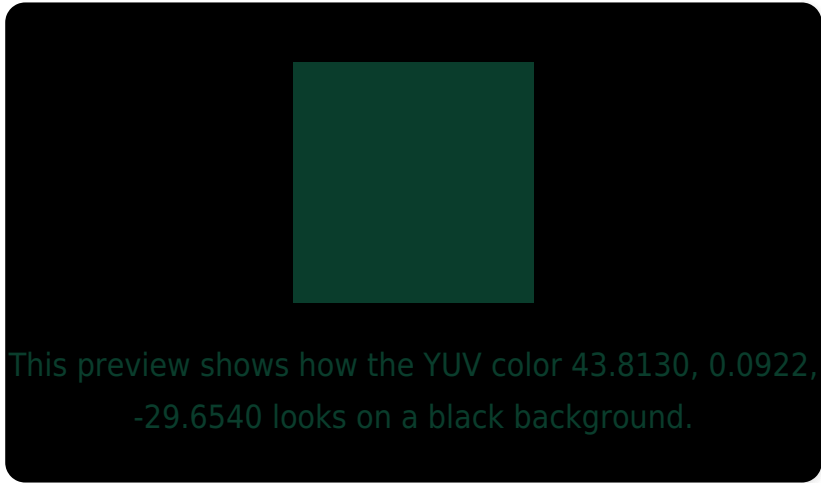
Large Text (above 18pt) WCAG AA ✓ Pass

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

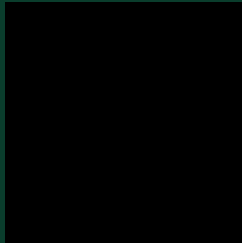
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.8130, 0.0922, -29.6540

Background



This preview shows how black text looks on a background with the YUV color 43.8130, 0.0922, -29.6540.



This preview shows how white text looks on a background with the YUV color 43.8130, 0.0922, -29.6540.

-29.6540.

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

43.8130, 0.0922, -29.6540

Protanopia

52.7140, -6.2680, 3.7588

Deuteranopia

53.4200, -3.6581, 6.6477



Tritanopia

48.3930, 7.2013, -23.1467

Trichromacy



Original Color

43.8130, 0.0922, -29.6540

Protanomaly

49.5060, -4.1935, -8.3368

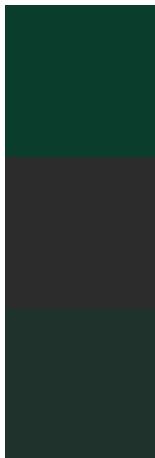
Deuteranomaly

49.9730, -2.4517, -6.9923

Tritanomaly

46.9860, 4.4439, -25.4207

Monochromacy



Original Color

43.8130, 0.0922, -29.6540

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.9340, 0.0325, -10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.8130, 0.0922, -29.6540 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(10, 61, 44)` looks like.

```
.text, #text, p{  
    color:rgb(10, 61, 44)  
}
```

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(10, 61, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 61, 44) }
```

Border

The CSS property to change the border of an element to YUV 43.8130, 0.0922, -29.6540 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(10, 61, 44) }
```


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

```
.border{ border-color:rgb(10, 61, 44) }
```

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

Here you see how a box with a 4 pixel rgb(10, 61, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 61, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 61, 44);  
box-shadow:4px 4px 4px 4px rgb(10, 61, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.8130, 0.0922, -29.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 61, 44) }
```

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

```
.background{ background-color: rgb(10, 61,  
44) }
```

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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