

Converting Colors

YUV(43.1630, -7.4754, -29.0840)

Have a look what the booklet for
YUV(43.1630, -7.4754, -29.0840)
contains.

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Color

**YUV(43.1630, -7.4754,
-29.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	0A3F1C
RGB	10, 63, 28
RGB Percent	4%, 25%, 11%
CMY	0.9608, 0.7529, 0.8902
CMYK	0.84, 0.00, 0.56, 0.75
HSL	140°, 73%, 14%
HSV	140°, 84%, 25%
XYZ	2.1123, 3.7034, 1.7021
YIQ	43.1630, -20.3530, -22.1210

Conversions

Conversions Part 2

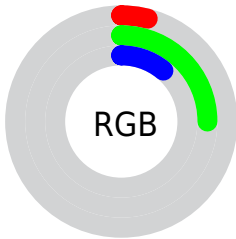
Format	Color
R_{YB}	10, 50, 63
Decimal	671516
CIE _{Lab}	22.67, -26.09, 16.66
CIE _{LCh}	23, 30.951, 147.441
Yxy	3.7034, 0.2810, 0.4926
Android (android.graphics.Color)	4278861596 (0xFF0A3F1C)
YUV	43.1630, -7.4754, -29.0840
Hunter-Lab	19.2442, -14.0848, 8.2269

Details

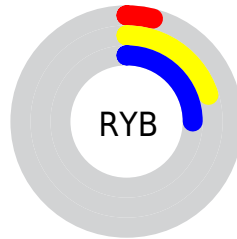
The YUV color **43.1630, -7.4754, -29.0840** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29.8370, 7.4754, 29.0840**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.9030, -9.8122, -26.2249**, and **9.9790, -4.9196, -8.7516** is the 20% darker color. If you saturate the color by 10%, you get **40.9130, -8.3381, -32.3727**, and if you desaturate by 10%, it is **45.4130, -6.6126, -25.7952**.

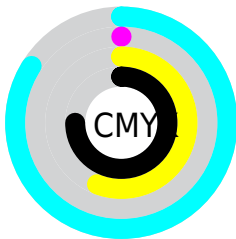
Distribution



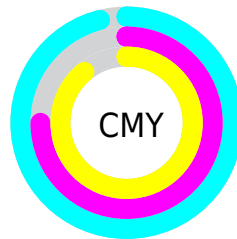
- Red (4%)
- Green (25%)
- Blue (11%)



- Red (4%)
- Yellow (20%)
- Blue (25%)



- Cyan (84%)
- Magenta (0%)
- Yellow (56%)
- Black (75%)





- Cyan (96%)
- Magenta (75%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the YUV color 43.1630, -7.4754, -29.0840 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 43.1630, -7.4754, -29.0840 by changing the saturation by 10% instead.


 43.1630, -7.4754,
-29.0840


 43.1630, -7.4754,
-29.0840


 253.5050, 0.7370,
-3.0739

 24.5230, -10.1178,
-21.5067


 91.9030, -9.8122,
-26.2249

 9.9790, -4.9196,
-8.7516

 117.0770,
-10.3910, -27.2545

 0.0000, 0.0000,
0.0000

 142.9630,
-10.8278, -27.1546

 170.1370,
-11.4065, -28.1841

 197.7240,
-11.6959, -28.6989

 225.6100,

-12.1327, -28.5990

■ 241.8700, -6.3449,
-18.3030

■ 43.1630, -7.4754,
-29.0840

■ 43.1630, -7.4754,
-29.0840

■ 40.9130, -8.3381,
-32.3727

■ 45.4130, -6.6126,
-25.7952

■ 39.3750, -9.0589,
-34.5319

■ 47.9620, -5.8973,
-21.8917

■ 50.2120, -5.0345,
-18.6029

■ 52.5760, -3.7350,
-15.4142

■ 55.1250, -3.0196,
-11.5106

■ 57.3750, -2.1569,
-8.2219

■ 59.6250, -1.2941,
-4.9331

■ 61.8750, -0.4314,
-1.6444

■ 64.4240, 0.2840,
2.2592

Harmonies

Analogous

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



49.0000, -20.2130, -3.5080



43.1630, -7.4754, -29.0840



43.9690, 3.4663, -38.5608

Triad

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



43.1630, -7.4754, -29.0840



44.8590, 27.1845, -39.3413



52.2390, -8.9918, 37.5014

Complementary

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



43.1630, -7.4754, -29.0840



29.8370, 7.4754, 29.0840

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.



53.3880, 1.7807, 35.6167



43.1630, -7.4754, -29.0840



54.5430, 19.9453, -3.9842

Square

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



43.1630, -7.4754, -29.0840



47.5830, 22.3906, -41.7303



55.8190, 11.4282, 21.2067



52.3660, -18.4214, 28.6200

Rectangle

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



43.1630, -7.4754, -29.0840



45.7930, 10.4551, -40.1605



55.8190, 11.4282, 21.2067



52.8630, -5.3555, 37.8311

Sweetspot

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



43.1630, -7.4754, -29.0840



74.1250, -3.0196, -11.5106



51.5760, -20.4970, -5.7672



36.5000, -1.7255, -6.5775



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.



43.1630, -7.4754, -29.0840



51.3260, -11.4997, -45.0129



46.1270, 3.8814, -31.6834



29.8750, -0.4314, -1.6444



58.8260, -13.2252, -51.5904



138.8640, -31.4850, -121.7837

Inverse Universe

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



29.8370, 7.4754, 29.0840



30.6740, 11.4997, 45.0129



26.8730, -3.8814, 31.6834



29.1250, 0.4314, 1.6444



35.1740, 13.2252, 51.5904



83.1360, 31.4850, 121.7837

Previews

White Background



This preview shows how the YUV color 43.1630, -7.4754, -29.0840 looks on a white background.

Color Contrast Check

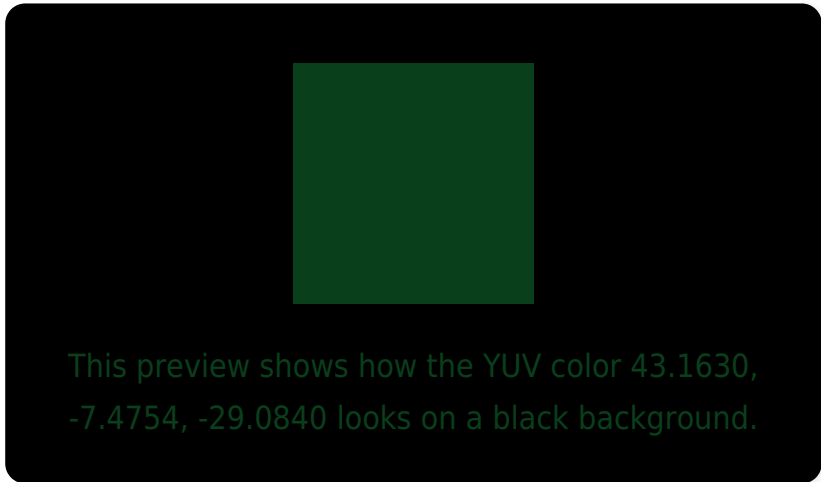
Large Text (above 18pt) WCAG AA ✓ Pass

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

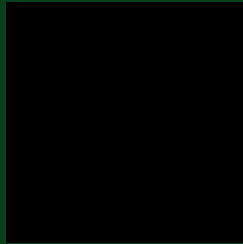
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.1630, -7.4754, -29.0840

Background



This preview shows how black text looks on a background with the YUV color 43.1630, -7.4754, -29.0840.



This preview shows how white text looks on a background with the YUV color 43.1630, -7.4754,

-29.0840.

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

43.1630, -7.4754, -29.0840

Protanopia

52.4880, -13.5516, 6.5880

Deuteranopia

53.7920, -11.2365, 10.7064



Tritanopia

49.7030, 7.0484, -20.7875

Trichromacy



Original Color

43.1630, -7.4754, -29.0840

Protanomaly

48.9810, -11.3296, -6.1223

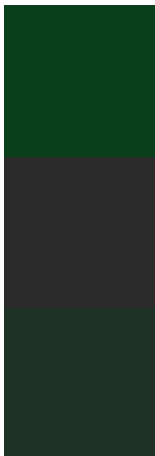
Deuteranomaly

50.0460, -9.8827, -3.5483

Tritanomaly

47.0140, 1.9651, -23.6913

Monochromacy



Original Color

43.1630, -7.4754, -29.0840

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9510, -2.4408, -10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.1630, -7.4754, -29.0840 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, 63, 28)` looks like.

```
.text, #text, p{  
    color:rgb(10, 63, 28)  
}
```

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, 63, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 63, 28) }
```

Border

The CSS property to change the border of an element to YUV 43.1630, -7.4754, -29.0840 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, 63, 28) }
```


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

```
.border{ border-color:rgb(10, 63, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 63, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 63, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 63, 28);  
box-shadow:4px 4px 4px 4px rgb(10, 63, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.1630, -7.4754, -29.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 63, 28) }
```

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

```
.background{ background-color: rgb(10, 63,  
28) }
```

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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