

Converting Colors

YUV(31.4550, -0.2243, -21.4470)

Have a look what the booklet for
YUV(31.4550, -0.2243, -21.4470)
contains.

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Color

**YUV(31.4550, -0.2243,
-21.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	072C1F
RGB	7, 44, 31
RGB Percent	3%, 17%, 12%
CMY	0.9725, 0.8275, 0.8784
CMYK	0.84, 0.00, 0.30, 0.83
HSL	159°, 73%, 10%
HSV	159°, 84%, 17%
XYZ	1.2356, 1.9455, 1.6067
YIQ	31.4550, -17.8790, -11.8870

Conversions

Conversions Part 2

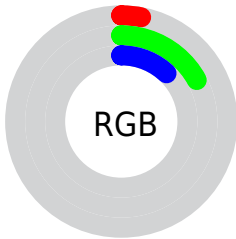
Format	Color
RYB	7, 29, 44
Decimal	470047
CIELab	15.20, -16.91, 4.73
CIElCh	15, 17.559, 164.357
Yxy	1.9455, 0.2581, 0.4063
Android (android.graphics.Color)	4278660127 (0xFF072C1F)
YUV	31.4550, -0.2243, -21.4470
Hunter-Lab	13.9480, -8.5960, 2.9338

Details

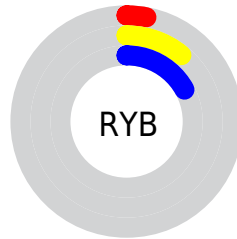
The YUV color **31.4550, -0.2243, -21.4470** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19.5450, 0.2243, 21.4470**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.5260, -1.2453, -20.6323**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.0310, -0.5083, -23.7062**, and if you desaturate by 10%, it is **32.8790, 0.0597, -19.1879**.

Distribution



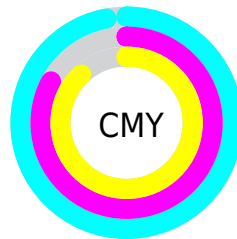
- Red (3%)
- Green (17%)
- Blue (12%)



- Red (3%)
- Yellow (11%)
- Blue (17%)



- Cyan (84%)
- Magenta (0%)
- Yellow (30%)
- Black (83%)



- Cyan (97%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.4550, -0.2243, -21.4470 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 31.4550, -0.2243, -21.4470 by changing the saturation by 10% instead.

■ 31.4550, -0.2243,
-21.4470

■ 31.4550, -0.2243,
-21.4470

■ 249.9170, 2.5059,
-10.4512

■ 15.4730, -4.1772,
-13.5698

■ 77.5260, -1.2453,
-20.6323

■ 0.0000, 0.0000,
0.0000

■ 102.1130, -1.5347,
-21.1471

■ 126.7000, -1.8241,
-21.6619

■ 153.2870, -2.1135,
-22.1767

■ 179.9880, -1.9661,
-22.7915

■ 207.5750, -2.2555,

-23.3063

■ 236.1620, -2.5449,
-23.8211

■ 31.4550, -0.2243,
-21.4470

■ 31.4550, -0.2243,
-21.4470

■ 30.0310, -0.5083,
-23.7062

■ 32.8790, 0.0597,
-19.1879

■ 29.1340, -0.0661,
-25.5505

■ 34.4880, -0.2406,
-16.2140

■ 35.9120, 0.0434,
-13.9548

■ 37.5210, -0.2569,
-10.9809

■ 38.9450, 0.0271,
-8.7218

■ 40.2550, -0.1257,
-6.3626

■ 41.9780, 0.0108,
-3.4887

■ 43.2880, -0.1420,
-1.1296

■ 45.0110, -0.0054,
1.7444

Harmonies

Analogous

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



34.7080, -7.2510, -7.6369



31.4550, -0.2243, -21.4470



30.8440, 6.4859, -27.0502

Triad

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



31.4550, -0.2243, -21.4470



37.1590, 12.2466, -8.0324



38.2320, -8.4954, 18.2135

Complementary

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



31.4550, -0.2243, -21.4470



19.5450, 0.2243, 21.4470

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.



38.7360, -2.8278, 20.4025



31.4550, -0.2243, -21.4470



39.8080, 7.9827, 6.3074

Square

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



31.4550, -0.2243, -21.4470



31.1350, 15.2164, -27.3054



39.4950, 2.7140, 16.2289



37.2760, -11.9681, 12.0359

Rectangle

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



31.4550, -0.2243, -21.4470



31.7560, 9.9803, -27.8500



39.4950, 2.7140, 16.2289



37.8130, -6.3168, 19.4580

Sweetspot

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



31.4550, -0.2243, -21.4470



51.2440, -0.1203, -8.1070



32.9050, -12.7712, -10.4407



25.2660, -0.1311, -4.6183



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



31.4550, -0.2243, -21.4470



36.9760, -0.4812, -32.4280



30.0020, 6.9010, -20.1728



22.2880, -0.1420, -1.1296



57.4530, -0.7163, -50.3863



141.4640, -1.2148, -124.0639

Inverse Universe

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



19.5450, 0.2243, 21.4470



19.0240, 0.4812, 32.4280



20.9980, -6.9010, 20.1728



21.5980, -0.2948, 1.2296



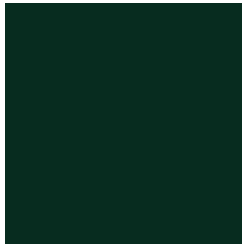
29.4330, 0.2795, 50.4863



72.5360, 1.2148, 124.0639

Previews

White Background



This preview shows how the YUV color 31.4550, -0.2243, -21.4470 looks on a white background.

Color Contrast Check

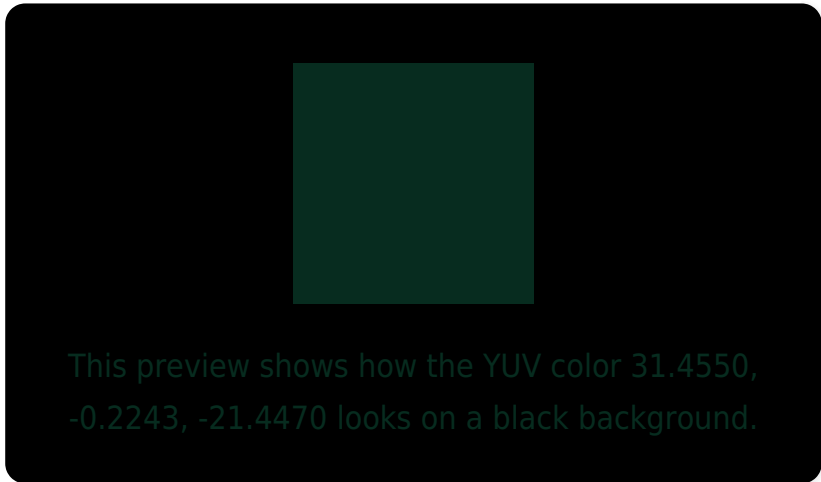
Large Text (above 18pt) WCAG AA ✓ Pass

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

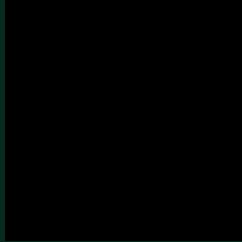
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.4550, -0.2243, -21.4470

Background



This preview shows how black text looks on a background with the YUV color 31.4550, -0.2243, -21.4470.



This preview shows how white text looks on a background with the YUV color 31.4550, -0.2243, -21.4470.

-21.4470.

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

31.4550, -0.2243, -21.4470

Protanopia

37.7570, -4.8102, 2.8441

Deuteranopia

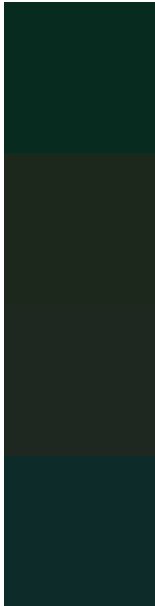
38.6370, -2.7790, 4.7034



Tritanopia

34.6820, 5.5798, -16.3841

Trichromacy



Original Color

31.4550, -0.2243, -21.4470

Protanomaly

35.4570, -3.1833, -5.6628

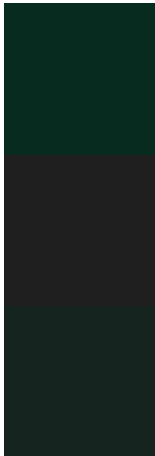
Deuteranomaly

36.3970, -2.1677, -4.7332

Tritanomaly

33.8020, 3.5486, -18.2434

Monochromacy



Original Color

31.4550, -0.2243, -21.4470

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.2440, -0.1203, -8.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.4550, -0.2243, -21.4470 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(7, 44, 31)` looks like.

```
.text, #text, p{  
    color:rgb(7, 44, 31)  
}
```

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(7, 44, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 44, 31) }
```

Border

The CSS property to change the border of an element to YUV 31.4550, -0.2243, -21.4470 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(7, 44, 31) }
```


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

```
.border{ border-color:rgb(7, 44, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 44, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 44, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 44, 31); box-shadow:4px  
4px 4px 4px rgb(7, 44, 31) }
```

Background

The CSS property to change the background color of an element to YUV 31.4550, -0.2243, -21.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 44, 31) }
```

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

```
.background{ background-color: rgb(7, 44,  
31) }
```

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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