

Converting Colors

YUV(30.6270, -11.1551,
-15.4589)

Have a look what the booklet for
YUV(30.6270, -11.1551, -15.4589)
contains.

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Color

**YUV(30.6270, -11.1551,
-15.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	0D2C08
RGB	13, 44, 8
RGB Percent	5%, 17%, 3%
CMY	0.9490, 0.8275, 0.9686
CMYK	0.70, 0.00, 0.82, 0.83
HSL	112°, 69%, 10%
HSV	112°, 82%, 17%
XYZ	1.1105, 1.9045, 0.5388
YIQ	30.6270, -6.9200, -17.7680

Conversions

Conversions Part 2

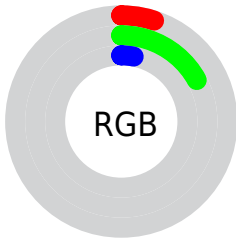
Format	Color
R_{YB}	8, 44, 39
Decimal	863240
CIE _{Lab}	14.98, -20.07, 18.12
CIE _{LCh}	15, 27.036, 137.925
Yxy	1.9045, 0.3125, 0.5359
Android (android.graphics.Color)	4279053320 (0xFF0D2C08)
YUV	30.6270, -11.1551, -15.4589
Hunter-Lab	13.8002, -9.7867, 7.3453

Details

The YUV color **30.6270, -11.1551, -15.4589** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **21.3730, 11.1551, 15.4589**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.1000, -11.8813, -15.8737**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.9750, -12.3127, -17.5181**, and if you desaturate by 10%, it is **32.2790, -9.9975, -13.3997**.

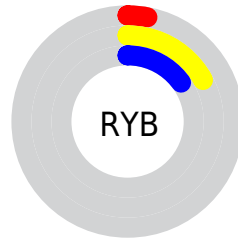
Distribution



Red (5%)

Green (17%)

Blue (3%)



Red (3%)

Yellow (17%)

Blue (15%)

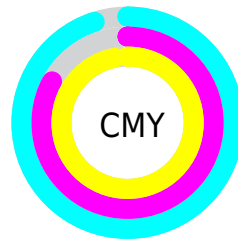


Cyan (70%)

Magenta (0%)

Yellow (82%)

Black (83%)



Cyan (95%)


Magenta (83%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YUV color 30.6270, -11.1551, -15.4589 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 30.6270, -11.1551, -15.4589 by changing the saturation by 10% instead.

 30.6270, -11.1551,
-15.4589


 30.6270, -11.1551,
-15.4589


 248.9040, -7.8407,
-5.1778


 14.6750, -7.2348,
-12.8700


 76.1000, -11.8813,
-15.8737

 0.0000, 0.0000,
0.0000

 100.5730,
-12.6075, -16.2885


 125.5730,
-12.6075, -16.2885


 151.7470,
-13.1863, -17.3181


 178.6330,
-13.6231, -17.2181


 206.1060,


-14.3493, -17.6330


 234.6930,
-14.6386, -18.1478


 30.6270, -11.1551,
-15.4589


 30.6270, -11.1551,
-15.4589


 28.9750, -12.3127,
-17.5181


 32.2790, -9.9975,
-13.3997

 27.6220, -13.6176,
-18.9625

 34.0450, -8.4032,
-11.4405

 35.3980, -7.0982,
-9.9960

 37.1640, -5.5039,
-8.0368

 38.8160, -4.3463,
-5.9776

■ 40.4680, -3.1887,
-3.9184

■ 42.2340, -1.5944,
-1.9592

■ 43.5870, -0.2894,
-0.5148

■ 45.3530, 1.3050,
1.4444

Harmonies

Analogous

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



34.8420, -17.1771, 2.7696



30.6270, -11.1551, -15.4589



30.3080, -0.6448, -26.5801

Triad

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



30.6270, -11.1551, -15.4589



33.2040, 20.6054, -29.1199



35.7590, -4.3182, 31.7834

Complementary

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



30.6270, -11.1551, -15.4589



21.3730, 11.1551, 15.4589

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.



36.7290, 4.5706, 27.4247



30.6270, -11.1551, -15.4589



35.8470, 18.8094, -13.0208

Square

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



30.6270, -11.1551, -15.4589



33.9390, 15.8061, -29.7645



38.8780, 11.8921, 12.3850



35.6800, -14.6322, 26.5906

Rectangle

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



30.6270, -11.1551, -15.4589



31.7900, 5.0335, -27.8798



38.8780, 11.8921, 12.3850



35.8560, -1.4080, 31.6983

Sweetspot

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



30.6270, -11.1551, -15.4589



50.8160, -4.3463, -5.9776



36.9610, -14.2778, 6.1732



24.9950, -2.4625, -3.5036



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.



30.6270, -11.1551, -15.4589



35.6770, -17.0958, -23.3957



30.6140, -4.7397, -19.8325



22.1740, -0.5788, -1.0296



54.6570, -26.9459, -37.4102



134.5880, -66.3519, -91.7237

Inverse Universe

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



21.3730, 11.1551, 15.4589



21.3230, 17.0958, 23.3957



21.3860, 4.7397, 19.8325



21.8260, 0.5788, 1.0296



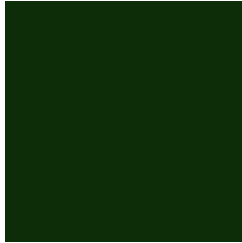
32.3430, 26.9459, 37.4102



79.4120, 66.3519, 91.7237

Previews

White Background



This preview shows how the YUV color 30.6270, -11.1551, -15.4589 looks on a white background.

Color Contrast Check

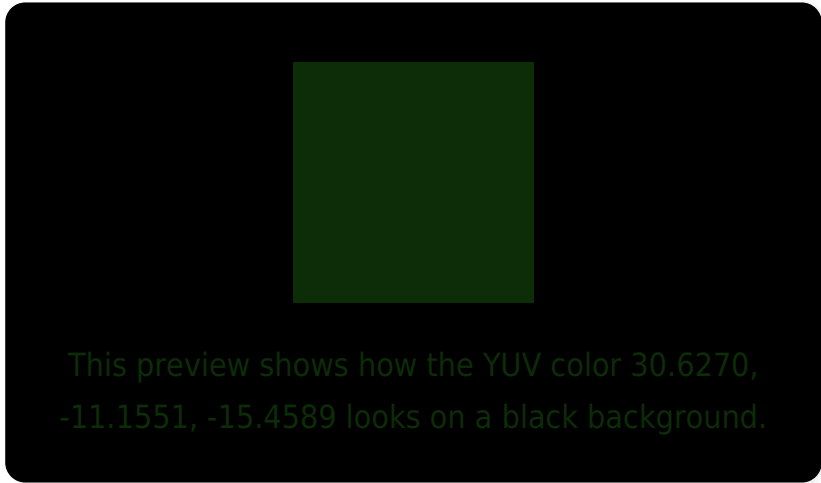
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6270, -11.1551, -15.4589

Background



This preview shows how black text looks on a background with the YUV color 30.6270, -11.1551, -15.4589.



This preview shows how white text looks on a background with the YUV color 30.6270, -11.1551, -15.4589.

-15.4589.

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

30.6270, -11.1551, -15.4589

Protanopia

35.8470, -14.7146, 6.2732

Deuteranopia

36.8520, -12.2520, 9.7768



Tritanopia

35.6610, 4.1111, -11.9807

Trichromacy



Original Color

30.6270, -11.1551, -15.4589

Protanomaly

33.8460, -13.2351, -1.6189

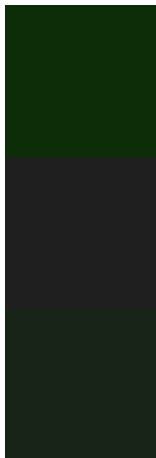
Deuteranomaly

34.6120, -11.6407, 0.3403

Tritanomaly

33.8690, -1.4144, -13.0401

Monochromacy



Original Color

30.6270, -11.1551, -15.4589

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.9300, -3.9095, -6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.6270, -11.1551, -15.4589 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(13, 44, 8)` looks like.

```
.text, #text, p{  
  color:rgb(13, 44, 8)  
}
```

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(13, 44, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 44, 8) }
```

Border

The CSS property to change the border of an element to YUV 30.6270, -11.1551, -15.4589 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(13, 44, 8) }
```


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

```
.border{ border-color:rgb(13, 44, 8) }
```

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

Here you see how a box with a 4 pixel rgb(13, 44, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 44, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(13, 44, 8); box-shadow:4px  
4px 4px 4px rgb(13, 44, 8) }
```

Background

The CSS property to change the background color of an element to YUV 30.6270, -11.1551, -15.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 44, 8) }
```

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

```
.background{ background-color: rgb(13, 44,  
8) }
```

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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