

Converting Colors

YUV(30.4660, 97.3843,
-15.3177)

Have a look what the booklet for
YUV(30.4660, 97.3843, -15.3177)
contains.

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Color

**YUV(30.4660, 97.3843,
-15.3177)**

Conversions

Conversions Part 1

Format	Color
Hex	0D01E4
RGB	13, 1, 228
RGB Percent	5%, 0%, 89%
CMY	0.9490, 0.9961, 0.1059
CMYK	0.94, 1.00, 0.00, 0.11
HSL	243°, 99%, 45%
HSV	243°, 100%, 89%
XYZ	14.1804, 5.7087, 73.7533
YIQ	30.4660, -65.7150, 73.1410

Conversions

Conversions Part 2

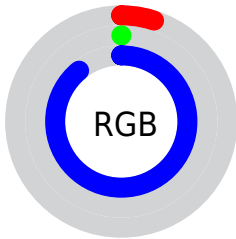
Format	Color
R_{YB}	13, 1, 228
Decimal	852452
CIE Lab	28.67, 72.66, -98.64
CIE LCh	29, 122.512, 306.379
Yxy	5.7087, 0.1514, 0.0610
Android (android.graphics.Color)	4279042532 (0xFF0D01E4)
YUV	30.4660, 97.3843, -15.3177
Hunter-Lab	23.8929, 64.1270, -166.2930

Details

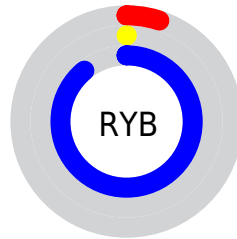
The YUV color **30.4660, 97.3843, -15.3177** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **198.5340, -97.3843, 15.3177**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.6700, 74.6057, 10.8134**, and **19.4940, 74.6925, -17.0962** is the 20% darker color. If you saturate the color by 10%, you get **29.5800, 97.8211, -15.4177**, and if you desaturate by 10%, it is **50.5450, 87.4853, -13.6330**.

Distribution



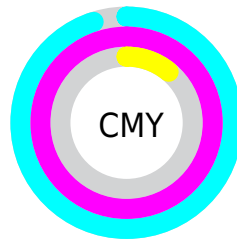
- Red (5%)
- Green (0%)
- Blue (89%)



- Red (5%)
- Yellow (0%)
- Blue (89%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.4660, 97.3843, -15.3177 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 30.4660, 97.3843, -15.3177 by changing the saturation by 10% instead.

■ 30.4660, 97.3843,
-15.3177

■ 30.4660, 97.3843,
-15.3177

■ 255.0000, 0.0000,
0.0000

■ 22.6860, 86.9228,
-19.8956

■ 103.6700, 74.6057,
10.8134

■ 19.4940, 74.6925,
-17.0962

■ 129.6850, 61.7803,
17.8163

■ 16.3020, 62.4621,
-14.2969

■ 155.4010, 49.1023,
24.2043

■ 15.5720, 49.5110,
-13.6566

■ 181.1170, 36.4243,
30.5924

■ 17.8910, 35.5497,
-15.6904

■ 207.1210, 23.6043,
35.8509

■ 11.6330, 26.8029,
-10.2021


■ 226.2370, 14.1802,


■ 6.6630, 17.9141,


25.2252


-5.8435


 243.2600, 5.7878,
10.2960

 2.9810, 8.8834,
-2.6143


 0.0000, 0.0000,
0.0000


 30.4660, 97.3843,
-15.3177


 30.4660, 97.3843,
-15.3177

 29.5800, 97.8211,
-15.4177

 50.5450, 87.4853,
-13.6330

 70.3250, 77.7338,
-12.5630

 89.8170, 68.1242,
-10.3635

 109.5970, 58.3727,
-9.2936

■ 129.6760, 48.4737,
-7.6089

■ 149.7550, 38.5748,
-5.9241

■ 169.5350, 28.8232,
-4.8542

■ 189.0270, 19.2137,
-2.6547

■ 208.8070, 9.4621,
-1.5847

Harmonies

Analogous

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



77.7910, 87.3640, -68.2227



30.4660, 97.3843, -15.3177



71.3610, 36.7970, 97.9074

Triad

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



30.4660, 97.3843, -15.3177



47.4310, -23.3835, 80.3060



65.0960, 10.7987, -57.0892

Complementary

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



30.4660, 97.3843, -15.3177



198.5340, -97.3843, 15.3177

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.



53.4170, -26.3346, -46.8467



30.4660, 97.3843, -15.3177



61.6990, -30.4176, 2.8950

Square

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



30.4660, 97.3843, -15.3177



57.1090, -28.1547, 117.4224



51.0690, -25.1770, -44.7875



77.8010, 51.8631, -68.2315

Rectangle

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



30.4660, 97.3843, -15.3177



72.0670, 5.8830, 120.0902



51.0690, -25.1770, -44.7875



60.6330, -3.7631, -53.1751

Sweetspot

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



30.4660, 97.3843, -15.3177



188.8600, 32.6070, -5.1392



153.6700, 36.6447, -133.8916



87.8420, 19.7979, -3.3694



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



30.4660, 97.3843, -15.3177



32.9570, 109.4672, -17.5023



64.2530, 80.7273, 54.1521



104.6670, 5.0942, -0.5850



23.0970, 76.8602, -12.3631



6.7110, 21.8345, -3.2545

Inverse Universe

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



93.3830, 60.4502, 118.0591



103.8330, 68.1163, 132.5735



164.7470, -80.7273, -54.1521



107.8420, 3.0359, 6.2776



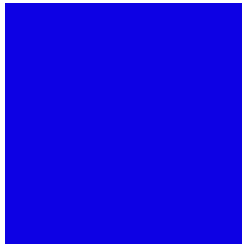
72.7870, 47.4330, 93.1488



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 30.4660, 97.3843, -15.3177 looks on a white background.

Color Contrast Check

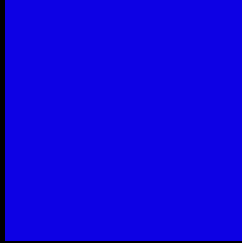
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 30.4660, 97.3843, -15.3177 looks on a 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 30.4660, 97.3843, -15.3177

Background



This preview shows how black text looks on a background with the YUV color 30.4660, 97.3843, -15.3177.



This preview shows how white text looks on a background with the YUV color 30.4660, 97.3843, -15.3177.

-15.3177.

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

30.4660, 97.3843, -15.3177

Protanopia

55.2890, 41.7625, -48.4885

Deuteranopia

55.1290, 30.9954, -48.3481



Tritanopia

54.3190, 12.6607, -47.6378

Trichromacy



Original Color

30.4660, 97.3843, -15.3177

Protanomaly

46.3440, 61.9484, -36.2587

Deuteranomaly

46.5090, 54.9651, -36.4034

Tritanomaly

45.5340, 43.6137, -35.5483

Monochromacy



Original Color

30.4660, 97.3843, -15.3177

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9570, 35.5172, -5.2243

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.4660, 97.3843, -15.3177 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, 1, 228)` looks like.

```
.text, #text, p{  
    color:rgb(13, 1, 228)  
}
```

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, 1, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 1, 228) }
```

Border

The CSS property to change the border of an element to YUV 30.4660, 97.3843, -15.3177 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, 1, 228) }
```


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

```
.border{ border-color:rgb(13, 1, 228) }
```

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

Here you see how a box with a 4 pixel rgb(13, 1, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 1, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 1, 228);  
box-shadow:4px 4px 4px 4px rgb(13, 1, 228)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.4660, 97.3843, -15.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 1, 228) }
```

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

```
.background{ background-color: rgb(13, 1,  
228) }
```

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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