

Converting Colors

YUV(43.3000, 89.0851,
-13.4181)

Have a look what the booklet for
YUV(43.3000, 89.0851, -13.4181)
contains.

YUV(43.3000, 89.0851, -13.4181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(43.3000, 89.0851,
-13.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	1C10E0
RGB	28, 16, 224
RGB Percent	11%, 6%, 88%
CMY	0.8902, 0.9373, 0.1216
CMYK	0.87, 0.93, 0.00, 0.12
HSL	243°, 87%, 47%
HSV	243°, 93%, 88%
XYZ	14.1187, 5.9993, 70.9348
YIQ	43.3000, -59.6160, 67.2320

Conversions

Conversions Part 2

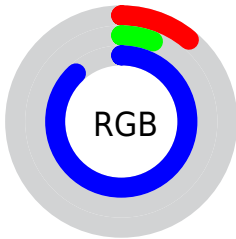
Format	Color
R_{YB}	28, 16, 224
Decimal	1839328
CIE _{Lab}	29.41, 69.07, -95.08
CIE _{LCh}	29, 117.522, 305.994
Yxy	5.9993, 0.1551, 0.0659
Android (android.graphics.Color)	4280029408 (0xFF1C10E0)
YUV	43.3000, 89.0851, -13.4181
Hunter-Lab	24.4934, 60.0291, -154.5630

Details

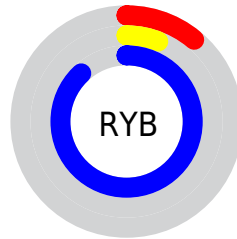
The YUV color **43.3000, 89.0851, -13.4181** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **196.7000, -89.0851, 13.4181**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7900, 72.5745, 8.9542**, and **19.0380, 72.9453, -16.6963** is the 20% darker color. If you saturate the color by 10%, you get **29.4230, 95.9265, -14.4030**, and if you desaturate by 10%, it is **62.4930, 79.6230, -11.8334**.

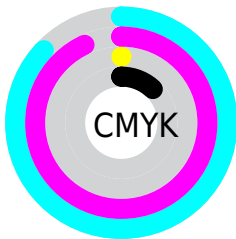
Distribution



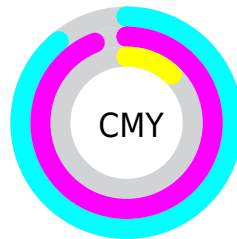
- Red (11%)
- Green (6%)
- Blue (88%)



- Red (11%)
- Yellow (6%)
- Blue (88%)



- Cyan (87%)
- Magenta (93%)
- Yellow (0%)
- Black (12%)



- Cyan (89%)
- Magenta (94%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.3000, 89.0851, -13.4181 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 43.3000, 89.0851, -13.4181 by changing the saturation by 10% instead.

■ 43.3000, 89.0851,
-13.4181

■ 43.3000, 89.0851,
-13.4181

255.0000, 0.0000,
0.0000

■ 22.2300, 85.1756,
-19.4957

■ 107.7900, 72.5745,
8.9542

■ 19.0380, 72.9453,
-16.6963

■ 133.8050, 59.7491,
15.9570

■ 15.8460, 60.7149,
-13.8969

■ 158.6350, 47.5079,
22.2451

■ 14.6430, 48.4900,
-12.8419

■ 184.6390, 34.6880,
27.5036

■ 16.9620, 34.5287,
-14.8757

■ 210.6430, 21.8680,
32.7621


■ 10.7040, 25.7819,
-9.3874


■ 229.1720, 12.7332,

■ 6.3210, 16.6037,


22.6512


-5.5435


 246.1950, 4.3409,
7.7220


 2.5250, 7.1362,
-2.2144


 0.0000, 0.0000,
0.0000


 43.3000, 89.0851,
-13.4181


 43.3000, 89.0851,
-13.4181

 29.4230, 95.9265,
-14.4030

 62.4930, 79.6230,
-11.8334

 82.2730, 69.8714,
-10.7634

 101.4660, 60.4093,
-9.1787

 121.2460, 50.6577,
-8.1087

■ 140.7380, 41.0482,
-5.9092

■ 159.9310, 31.5860,
-4.3245

■ 179.7110, 21.8345,
-3.2545

■ 198.9040, 12.3723,
-1.6698

■ 218.6840, 2.6208,
-0.5999

Harmonies

Analogous

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



78.3780, 87.0746, -68.7375



43.3000, 89.0851, -13.4181



70.4640, 37.2392, 96.0631

Triad

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



43.3000, 89.0851, -13.4181



52.4260, -25.8460, 76.8024



65.6830, 10.5093, -57.6040

Complementary

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



43.3000, 89.0851, -13.4181



196.7000, -89.0851, 13.4181

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.



54.0040, -26.6240, -47.3615



43.3000, 89.0851, -13.4181



63.4820, -31.2966, 4.8393

Square

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



43.3000, 89.0851, -13.4181



56.8100, -28.0073, 116.8076



51.6560, -25.4664, -45.3023



77.9320, 49.8265, -68.3464

Rectangle

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



43.3000, 89.0851, -13.4181



71.3980, 7.1988, 118.0460



51.6560, -25.4664, -45.3023



61.3340, -3.6157, -53.7899

Sweetspot

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



43.3000, 89.0851, -13.4181



193.2900, 30.4230, -4.6393



155.9380, 33.5546, -122.7256



89.9130, 18.7769, -2.5547



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.



43.3000, 89.0851, -13.4181



33.5550, 109.1724, -16.2727



73.7980, 74.0496, 49.2892



102.5530, 4.6574, -0.4850



23.0540, 75.4024, -11.4484



6.3690, 20.5241, -2.9546

Inverse Universe

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



100.5360, 54.9518, 108.2779



103.6050, 67.2427, 132.7734



166.2020, -74.0496, -49.2892



105.5430, 3.1833, 5.6628



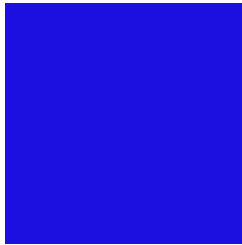
71.5480, 46.5648, 91.6044



19.5960, 13.0172, 24.9103

Previews

White Background



This preview shows how the YUV color 43.3000, 89.0851, -13.4181 looks on a white background.

Color Contrast Check

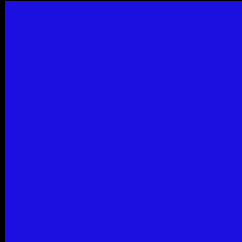
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3000, 89.0851, -13.4181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

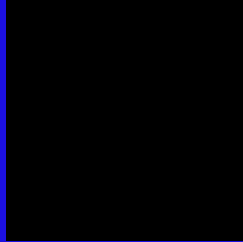
Any Text WCAG AA × Fail

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 43.3000, 89.0851, -13.4181 Background



This preview shows how black text looks on a background with the YUV color 43.3000, 89.0851, -13.4181.



This preview shows how white text looks on a background with the YUV color 43.3000, 89.0851, -13.4181.

-13.4181.

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

43.3000, 89.0851, -13.4181

Protanopia

55.4030, 42.1993, -48.5884

Deuteranopia

55.8300, 31.1428, -48.9629



Tritanopia

54.4330, 13.0975, -47.7377

Trichromacy



Original Color

43.3000, 89.0851, -13.4181

Protanomaly

50.6600, 59.3276, -35.6588

Deuteranomaly

51.4120, 52.0549, -36.3183

Tritanomaly

50.4370, 40.7036, -35.4632

Monochromacy



Original Color

43.3000, 89.0851, -13.4181

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.1590, 32.4596, -4.5244

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.3000, 89.0851, -13.4181 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(28, 16, 224)` looks like.

```
.text, #text, p{  
    color:rgb(28, 16, 224)  
}
```

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(28, 16, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 16, 224) }
```

Border

The CSS property to change the border of an element to YUV 43.3000, 89.0851, -13.4181 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(28, 16, 224) }
```


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

```
.border{ border-color:rgb(28, 16, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 16, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 16, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 16, 224);  
box-shadow:4px 4px 4px 4px rgb(28, 16,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 43.3000, 89.0851, -13.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 16, 224) }
```

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

```
.background{ background-color: rgb(28, 16,  
224) }
```

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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