

Converting Colors

YUV(38.5410, 83.5433, -9.2445)

Have a look what the booklet for
YUV(38.5410, 83.5433, -9.2445)
contains.

YUV(38.5410, 83.5433, -9.2445)	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(38.5410, 83.5433,
-9.2445)**

Conversions

Conversions Part 1

Format	Color
Hex	1C0BD0
RGB	28, 11, 208
RGB Percent	11%, 4%, 82%
CMY	0.8902, 0.9569, 0.1843
CMYK	0.87, 0.95, 0.00, 0.18
HSL	245°, 90%, 43%
HSV	245°, 95%, 82%
XYZ	11.9837, 5.0403, 60.0158
YIQ	38.5410, -53.1050, 64.8710

Conversions

Conversions Part 2

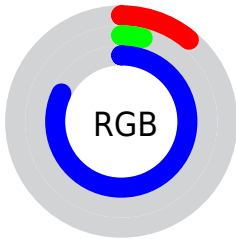
Format	Color
R_{YB}	28, 11, 208
Decimal	1838032
CIE _{Lab}	26.85, 66.02, -90.10
CIE _{LCh}	27, 111.705, 306.232
Yxy	5.0403, 0.1556, 0.0654
Android (android.graphics.Color)	4280028112 (0xFF1C0BD0)
YUV	38.5410, 83.5433, -9.2445
Hunter-Lab	22.4506, 55.9916, -142.7809




Details

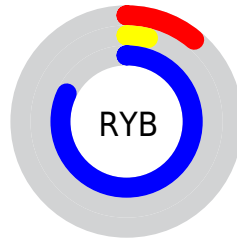
The YUV color **38.5410, 83.5433, -9.2445** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **180.4590, -83.5433, 9.2445**, and the grayscale version is **38.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **104.2460, 74.3217, 8.5543**, and **17.3280, 66.3933, -15.1967** is the 20% darker color. If you saturate the color by 10%, you get **29.0940, 88.2007, -9.7294**, and if you desaturate by 10%, it is **56.5490, 74.6653, -8.3745**.

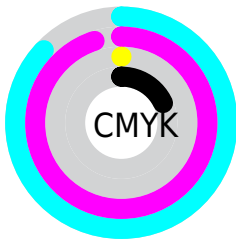
Distribution







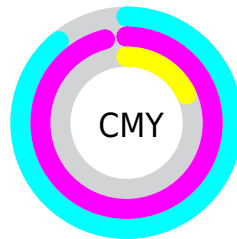
-  Red (11%)
-  Green (4%)
-  Blue (82%)






-  Red (11%)
-  Yellow (4%)
-  Blue (82%)



-  Cyan (87%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (89%)
-  Magenta (96%)
-  Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.5410, 83.5433, -9.2445 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 38.5410, 83.5433, -9.2445 by changing the saturation by 10% instead.

■ 38.5410, 83.5433,
-9.2445

■ 38.5410, 83.5433,
-9.2445

255.0000, 0.0000,
0.0000

■ 20.5200, 78.6236,
-17.9960

■ 104.2460, 74.3217,
8.5543

■ 17.3280, 66.3933,
-15.1967

■ 129.3750, 61.9331,
15.4571

■ 14.2500, 54.5998,
-12.4972

■ 154.7920, 49.4025,
21.2304

■ 16.5690, 40.6385,
-14.5310

■ 179.9100, 37.0194,
26.3889

■ 13.7190, 29.7185,
-12.0316

■ 205.3270, 24.4888,
32.1622

■ 8.0480, 20.6823,
-7.0581

■ 226.2370, 14.1802,


■ 4.3660, 11.6516,


25.2252


-3.8290


 243.2600, 5.7878,
10.2960


 0.0000, 0.0000,
0.0000


 38.5410, 83.5433,
-9.2445


 38.5410, 83.5433,
-9.2445


 29.0940, 88.2007,
-9.7294

 56.5490, 74.6653,
-8.3745

 74.5570, 65.7874,
-7.5045

 91.9780, 57.1988,
-6.1197

 109.9860, 48.3209,
-5.2497

 127.9940, 39.4430,
-4.3797

■ 146.0020, 30.5650,
-3.5098

■ 164.0100, 21.6871,
-2.6398

■ 181.4310, 13.0985,
-1.2550

■ 199.4390, 4.2206,
-0.3850

Harmonies

Analogous

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



73.0150, 84.2956, -64.0342



38.5410, 83.5433, -9.2445



65.6220, 34.2034, 89.7855

Triad

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



38.5410, 83.5433, -9.2445



47.9630, -23.6458, 71.0694



60.8900, 9.9142, -53.4005

Complementary

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



38.5410, 83.5433, -9.2445



180.4590, -83.5433, 9.2445

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.



49.8950, -24.5982, -43.7579



38.5410, 83.5433, -9.2445



58.1660, -28.6758, 4.2394

Square

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



38.5410, 83.5433, -9.2445



52.6240, -25.9436, 108.2008



47.5470, -23.4407, -41.6987



72.4550, 46.6107, -63.5430

Rectangle

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



38.5410, 83.5433, -9.2445



66.4140, 6.2049, 110.1389



47.5470, -23.4407, -41.6987



56.7690, -3.3371, -49.7864

Sweetspot

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



38.5410, 83.5433, -9.2445



193.8880, 30.1282, -3.4098



139.7050, 33.6694, -112.8743



90.2120, 18.6295, -1.9399



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.



38.5410, 83.5433, -9.2445



35.6480, 108.1405, -11.9693



67.8430, 69.0974, 51.0037



95.5530, 4.6574, -0.4850



23.6370, 71.1710, -7.5746



5.8700, 17.3191, -1.6400

Inverse Universe

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



90.4230, 49.5845, 103.1150



102.8070, 64.1851, 133.4733



151.1570, -69.0974, -51.0037



98.4290, 2.7465, 5.7628



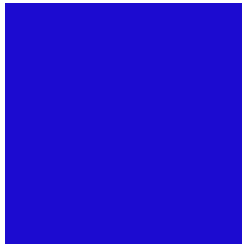
67.7880, 42.5025, 87.8859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 38.5410, 83.5433, -9.2445 looks on a white background.

Color Contrast Check

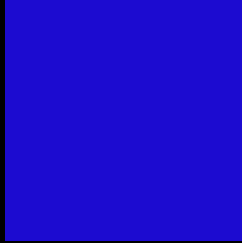
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5410, 83.5433, -9.2445 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 38.5410, 83.5433, -9.2445

Background



This preview shows how black text looks on a background with the YUV color 38.5410, 83.5433, -9.2445.



This preview shows how white text looks on a background with the YUV color 38.5410, 83.5433, -9.2445.

-9.2445.

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

38.5410, 83.5433, -9.2445

Protanopia

51.2140, 38.8415, -44.9147

Deuteranopia

51.2820, 28.9480, -44.9743



Tritanopia

50.8140, 11.9237, -44.5639

Trichromacy



Original Color

38.5410, 83.5433, -9.2445

Protanomaly

46.2430, 55.0962, -31.7851

Deuteranomaly

46.6360, 48.9865, -32.1298

Tritanomaly

46.3620, 37.7825, -31.8895

Monochromacy



Original Color

38.5410, 83.5433, -9.2445

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.8880, 30.1282, -3.4098

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.5410, 83.5433, -9.2445 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, 11, 208)` looks like.

```
.text, #text, p{  
    color:rgb(28, 11, 208)  
}
```

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, 11, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 11, 208) }
```

Border

The CSS property to change the border of an element to YUV 38.5410, 83.5433, -9.2445 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, 11, 208) }
```


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

```
.border{ border-color:rgb(28, 11, 208) }
```

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

Here you see how a box with a 4 pixel rgb(28, 11, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 11, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 11, 208);  
box-shadow:4px 4px 4px 4px rgb(28, 11,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 38.5410, 83.5433, -9.2445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 11, 208) }
```

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

```
.background{ background-color: rgb(28, 11,  
208) }
```

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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