

Converting Colors

YUV(128.8060, -9.7644,
-88.4069)

Have a look what the booklet for
YUV(128.8060, -9.7644, -88.4069)
contains.

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Color

**YUV(128.8060, -9.7644,
-88.4069)**

Conversions

Conversions Part 1

Format	Color
Hex	1CB86D
RGB	28, 184, 109
RGB Percent	11%, 72%, 43%
CMY	0.8902, 0.2784, 0.5725
CMYK	0.85, 0.00, 0.41, 0.28
HSL	151°, 74%, 42%
HSV	151°, 85%, 72%
XYZ	20.3797, 35.6320, 20.2715
YIQ	128.8060, -68.9010, -56.3970

Conversions

Conversions Part 2

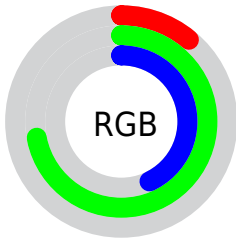
Format	Color
RYB	28, 131, 184
Decimal	1882221
CIELab	66.24, -55.21, 27.59
CIElCh	66, 61.717, 153.448
Yxy	35.6320, 0.2672, 0.4671
Android (android.graphics.Color)	4280072301 (0xFF1CB86D)
YUV	128.8060, -9.7644, -88.4069
Hunter-Lab	59.6925, -43.5200, 21.6499

Details

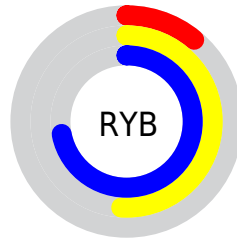
The YUV color **128.8060, -9.7644, -88.4069** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **83.1940, 9.7644, 88.4069**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6180, -14.6017, -76.8410**, and **82.5630, -11.1236, -72.4078** is the 20% darker color. If you saturate the color by 10%, you get **122.3980, -11.0422, -98.5730**, and if you desaturate by 10%, it is **135.2140, -8.4865, -78.2407**.

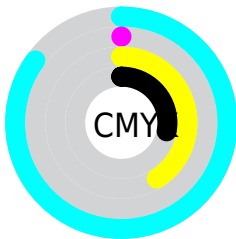
Distribution



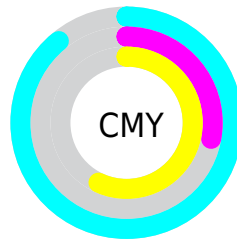
- Red (11%)
- Green (72%)
- Blue (43%)



- Red (11%)
- Yellow (51%)
- Blue (72%)



- Cyan (85%)
- Magenta (0%)
- Yellow (41%)
- Black (28%)



- Cyan (89%)
- Magenta (28%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.8060, -9.7644, -88.4069 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 128.8060, -9.7644, -88.4069 by changing the saturation by 10% instead.

■ 128.8060, -9.7644,
-88.4069

■ 128.8060, -9.7644,
-88.4069

255.0000, 0.0000,
0.0000

■ 101.1480, -8.4540,
-88.7068

■ 190.6180,
-14.6017, -76.8410

■ 82.5630, -11.1236,
-72.4078

■ 211.1830,
-11.4292, -67.6895

■ 64.6790, -13.6457,
-56.7235

■ 223.3450, -3.6211,
-52.0456

■ 47.3820, -16.4573,
-41.5540

■ 235.6210, 4.6238,
-36.5016

■ 31.6980, -15.6271,
-27.7991

■ 245.7310, 4.5696,
-19.0581

■ 17.6100, -8.6817,
-15.4440

254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 128.8060, -9.7644,
-88.4069

■ 128.8060, -9.7644,
-88.4069

■ 122.3980,
-11.0422, -98.5730

■ 135.2140, -8.4865,
-78.2407

■ 118.9520,
-11.3153, -104.3209

■ 141.9210, -7.3561,
-67.4597

■ 148.3290, -6.0782,
-57.2935

■ 154.9220, -5.3845,
-46.4126

■ 161.3300, -4.1067,
-36.2464

■ 167.7380, -2.8288,
-26.0802

■ 174.4450, -1.6984,
-15.2993

■ 180.8530, -0.4205,
-5.1331

■ 187.5600, 0.7099,
5.6479

Harmonies

Analogous

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



147.6520, -42.7194, -18.1118



128.8060, -9.7644, -88.4069



129.2800, 18.1030, -113.3786

Triad

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



128.8060, -9.7644, -88.4069



135.1940, 59.0644, -91.3781



157.2530, -26.7467, 85.7241

Complementary

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



128.8060, -9.7644, -88.4069



83.1940, 9.7644, 88.4069

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.



158.1260, -0.5551, 84.9585



128.8060, -9.7644, -88.4069



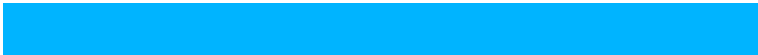
164.6130, 44.0678, 5.6014

Square

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



128.8060, -9.7644, -88.4069



134.7300, 59.2931, -118.1582



164.2750, 23.5284, 60.2718



157.3770, -48.4999, 62.8134

Rectangle

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



128.8060, -9.7644, -88.4069



133.0250, 34.9907, -116.6629



164.2750, 23.5284, 60.2718



156.2560, -17.8742, 86.5985

Sweetspot

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



128.8060, -9.7644, -88.4069



218.7540, -3.8227, -33.9873



141.9970, -56.2005, -34.2004



107.2980, -2.1189, -20.4323



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



128.8060, -9.7644, -88.4069



155.0160, -15.2909, -135.9490



135.5950, 23.8637, -94.3608



88.7390, -0.8573, -5.0331



100.8060, -9.7644, -88.4069



18.1460, -1.5510, -15.9140

Inverse Universe

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



83.1940, 9.7644, 88.4069



84.8700, 14.8541, 136.0490



76.4050, -23.8637, 94.3608



86.1470, 0.4205, 5.1331



55.1940, 9.7644, 88.4069



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 128.8060, -9.7644, -88.4069 looks on a white 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

Black Background



This preview shows how the YUV color 128.8060, -9.7644, -88.4069 looks on a black 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

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

YUV 128.8060, -9.7644, -88.4069

Background



This preview shows how black text looks on a background with the YUV color 128.8060, -9.7644, -88.4069.



This preview shows how white text looks on a background with the YUV color 128.8060, -9.7644, -88.4069.

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

128.8060, -9.7644, -88.4069

Protanopia

157.2320, -28.7084, 14.7055

Deuteranopia

159.5460, -21.4682, 25.8312



Tritanopia

145.5000, 21.4455, -65.3365

Trichromacy



Original Color

128.8060, -9.7644, -88.4069



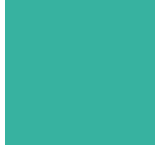
Protanomaly

147.1240, -21.7531, -22.9107



Deuteranomaly

148.0200, -17.2649, -15.8035



Tritanomaly

139.1710, 10.2687, -73.8180

Monochromacy



Original Color

128.8060, -9.7644, -88.4069



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

128.8790, -3.3913, -32.3429

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.8060, -9.7644, -88.4069 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, 184, 109)` looks like.

```
.text, #text, p{  
    color:rgb(28, 184, 109)  
}
```

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, 184, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 184, 109) }
```

Border

The CSS property to change the border of an element to YUV 128.8060, -9.7644, -88.4069 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, 184, 109) }
```


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

```
.border{ border-color:rgb(28, 184, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 184, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 184, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 184, 109);  
box-shadow:4px 4px 4px 4px rgb(28, 184,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 128.8060, -9.7644, -88.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 184, 109) }
```

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

```
.background{ background-color: rgb(28, 184,  
109) }
```

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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