

Converting Colors

YUV(128.4990, -0.7390,
-89.8916)

Have a look what the booklet for
YUV(128.4990, -0.7390, -89.8916)
contains.

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Color

**YUV(128.4990, -0.7390,
-89.8916)**

Conversions

Conversions Part 1

Format	Color
Hex	1AB57F
RGB	26, 181, 127
RGB Percent	10%, 71%, 50%
CMY	0.8980, 0.2902, 0.5020
CMYK	0.86, 0.00, 0.30, 0.29
HSL	159°, 75%, 41%
HSV	159°, 86%, 71%
XYZ	20.7806, 34.7997, 25.7004
YIQ	128.4990, -75.0460, -49.6540

Conversions

Conversions Part 2

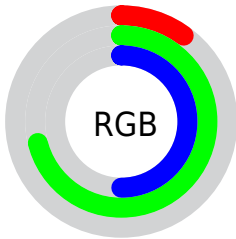
Format	Color
RYB	26, 120, 181
Decimal	1750399
CIELab	65.59, -50.48, 17.08
CIELCh	66, 53.286, 161.310
Yxy	34.7997, 0.2557, 0.4281
Android (android.graphics.Color)	4279940479 (0xFF1AB57F)
YUV	128.4990, -0.7390, -89.8916
Hunter-Lab	58.9912, -40.3551, 15.4633

Details

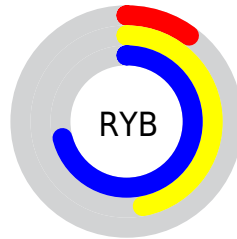
The YUV color **128.4990, -0.7390, -89.8916** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **78.5010, 0.7390, 89.8916**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7240, -5.2869, -77.8109**, and **83.4410, -2.6824, -73.1778** is the 20% darker color. If you saturate the color by 10%, you get **122.4330, -0.7065, -100.3577**, and if you desaturate by 10%, it is **134.5650, -0.7715, -79.4255**.

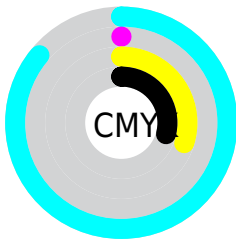
Distribution



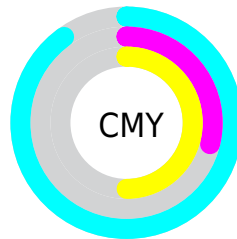
- Red (10%)
- Green (71%)
- Blue (50%)



- Red (10%)
- Yellow (47%)
- Blue (71%)



- Cyan (86%)
- Magenta (0%)
- Yellow (30%)
- Black (29%)



- Cyan (90%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4990, -0.7390, -89.8916 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 128.4990, -0.7390, -89.8916 by changing the saturation by 10% instead.

■ 128.4990, -0.7390,
-89.8916

■ 128.4990, -0.7390,
-89.8916

255.0000, 0.0000,
0.0000

■ 102.0260, -0.0128,
-89.4768

■ 190.7240, -5.2869,
-77.8109

■ 83.4410, -2.6824,
-73.1778

■ 212.8650, -2.3984,
-70.9186

■ 65.5570, -5.2046,
-57.4935

■ 225.0270, 5.4097,
-55.2747

■ 48.3740, -7.5794,
-42.4240

■ 236.1630, 9.2866,
-38.7310

■ 31.7780, -10.2436,
-27.8693

■ 245.1330, 4.8644,
-20.2876

■ 16.4360, -8.1029,
-14.4144

254.4020, 0.2948,

■ 0.0000, 0.0000,

-1.2296

0.0000

■ 128.4990, -0.7390,
-89.8916

■ 128.4990, -0.7390,
-89.8916

■ 122.4330, -0.7065,
-100.3577

■ 134.5650, -0.7715,
-79.4255

■ 119.6990, -0.8376,
-104.9760

■ 140.7450, -0.3673,
-69.0594

■ 146.8110, -0.3998,
-58.5932

■ 152.8770, -0.4324,
-48.1271

■ 159.3560, -0.1755,
-37.1462

■ 165.4220, -0.2080,
-26.6801

■ 171.4880, -0.2406,
-16.2140

■ 177.5540, -0.2731,
-5.7479

■ 183.7340, 0.1311,
4.6183

Harmonies

Analogous

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



146.6970, -30.9096, -26.0443



128.4990, -0.7390, -89.8916



127.5990, 24.3547, -111.9043

Triad

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



128.4990, -0.7390, -89.8916



153.5810, 49.0136, -40.8515



157.7690, -29.4661, 71.2396

Complementary

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



128.4990, -0.7390, -89.8916



78.5010, 0.7390, 89.8916

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.



159.7200, -8.2430, 77.4216



128.4990, -0.7390, -89.8916



163.5410, 33.2573, 19.6965

Square

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



128.4990, -0.7390, -89.8916



129.9370, 58.6981, -113.9547



162.4570, 14.0717, 60.1122



156.4290, -44.0885, 47.8588

Rectangle

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



128.4990, -0.7390, -89.8916



130.5460, 38.1848, -114.4888



162.4570, 14.0717, 60.1122



158.2240, -22.7884, 76.1026

Sweetspot

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



128.4990, -0.7390, -89.8916



214.2530, -0.6177, -35.3019



133.1310, -52.8156, -46.5959



104.8680, 0.0651, -20.9322



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



128.4990, -0.7390, -89.8916



155.3870, -1.1768, -136.2744



121.1540, 29.5041, -83.4501



85.9670, 0.0163, -5.2331



101.2110, -0.5970, -88.7620



17.2000, -0.0986, -15.0844

Inverse Universe

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



78.5010, 0.7390, 89.8916



79.6130, 1.1768, 136.2744



85.8460, -29.5041, 83.4501



83.0330, -0.0163, 5.2331



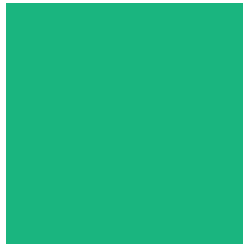
51.7890, 0.5970, 88.7620



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 128.4990, -0.7390, -89.8916 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 128.4990, -0.7390, -89.8916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

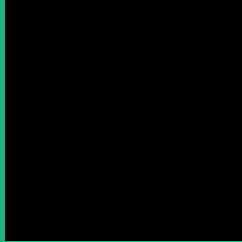
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 128.4990, -0.7390, -89.8916

Background



This preview shows how black text looks on a background with the YUV color 128.4990, -0.7390, -89.8916.

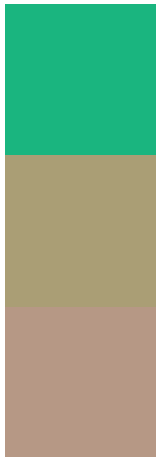


This preview shows how white text looks on a background with the YUV color 128.4990, -0.7390, -89.8916.

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

128.4990, -0.7390, -89.8916

Protanopia

156.9140, -19.6776, 11.4764

Deuteranopia

158.8040, -12.7214, 20.3429



Tritanopia

142.3040, 22.0351, -67.7956

Trichromacy



Original Color

128.4990, -0.7390, -89.8916



Protanomaly

146.5180, -12.5804, -25.0103



Deuteranomaly

147.9900, -8.3761, -20.1622



Tritanomaly

137.3710, 13.6211, -75.7474

Monochromacy



Original Color

128.4990, -0.7390, -89.8916



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.0900, -0.0444, -32.5279

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4990, -0.7390, -89.8916 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(26, 181, 127)` looks like.

```
.text, #text, p{  
    color:rgb(26, 181, 127)  
}
```

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(26, 181, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 181, 127) }
```

Border

The CSS property to change the border of an element to YUV 128.4990, -0.7390, -89.8916 is called "border". The border property can be set on classes, ids or directly on the HTML element.

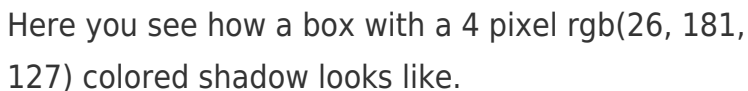
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(26, 181, 127) }
```


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

```
.border{ border-color:rgb(26, 181, 127) }
```

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



Here you see how a box with a 4 pixel `rgb(26, 181, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(26, 181, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(26, 181, 127); box-shadow:4px 4px 4px 4px rgb(26, 181, 127) }
```

Background

The CSS property to change the background color of an element to YUV 128.4990, -0.7390, -89.8916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 181, 127) }
```

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

```
.background{ background-color: rgb(26, 181,  
127) }
```

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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