

Converting Colors

YUV(132.2700, 26.9819,
-67.7658)

Have a look what the booklet for
YUV(132.2700, 26.9819, -67.7658)
contains.

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Color

**YUV(132.2700, 26.9819,
-67.7658)**

Conversions

Conversions Part 1

Format	Color
Hex	37A1BB
RGB	55, 161, 187
RGB Percent	22%, 63%, 73%
CMY	0.7843, 0.3686, 0.2667
CMYK	0.71, 0.14, 0.00, 0.27
HSL	192°, 55%, 47%
HSV	192°, 71%, 73%
XYZ	23.2901, 29.8898, 51.5555
YIQ	132.2700, -71.5220, -14.3860

Conversions

Conversions Part 2

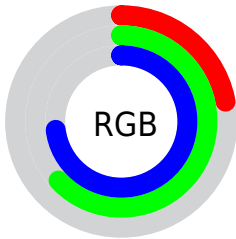
Format	Color
RYB	55, 114, 187
Decimal	3645883
CIELab	61.56, -21.42, -22.16
CIELCh	62, 30.824, 225.969
Yxy	29.8898, 0.2224, 0.2854
Android (android.graphics.Color)	4281835963 (0xFF37A1BB)
YUV	132.2700, 26.9819, -67.7658
Hunter-Lab	54.6716, -19.6344, -17.6406

Details

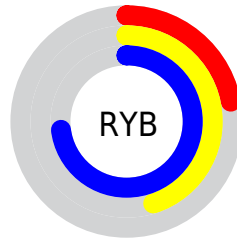
The YUV color **132.2700, 26.9819, -67.7658** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **109.7300, -26.9819, 67.7658**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0750, 26.0920, -62.3328**, and **79.2590, 26.9873, -69.5101** is the 20% darker color. If you saturate the color by 10%, you get **124.2410, 30.9402, -77.3874**, and if you desaturate by 10%, it is **140.2990, 23.0236, -58.1442**.

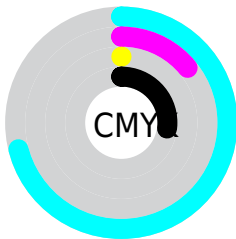
Distribution



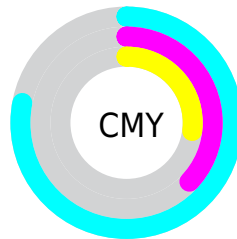
- Red (22%)
- Green (63%)
- Blue (73%)



- Red (22%)
- Yellow (45%)
- Blue (73%)



- Cyan (71%)
- Magenta (14%)
- Yellow (0%)
- Black (27%)



- Cyan (78%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.2700, 26.9819, -67.7658 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 132.2700, 26.9819, -67.7658 by changing the saturation by 10% instead.

■ 132.2700, 26.9819,
-67.7658

■ 132.2700, 26.9819,
-67.7658

■ 255.0000, 0.0000,
0.0000

■ 97.4850, 30.8199,
-85.4943

■ 190.0750, 26.0920,
-62.3328

■ 79.2590, 26.9873,
-69.5101

■ 217.1370, 18.6665,
-60.6331

■ 62.2070, 22.5759,
-54.5555

■ 231.9770, 11.3503,
-47.3378

■ 45.3830, 19.0382,
-39.8009

■ 240.9470, 6.9281,
-28.8945

■ 29.8470, 15.3584,
-26.1758

■ 249.9170, 2.5059,
-10.4512

■ 12.0770, 13.2730,
-10.5915

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 132.2700, 26.9819,
-67.7658

■ 132.2700, 26.9819,
-67.7658

■ 124.2410, 30.9402,
-77.3874

■ 140.2990, 23.0236,
-58.1442

■ 117.0980, 34.4617,
-86.9089

■ 147.4420, 19.5021,
-48.6226

■ 109.3680, 38.2726,
-95.9157

■ 155.4710, 15.5438,
-39.0011

■ 163.5000, 11.5855,
-29.3795

■ 170.9420, 7.9166,
-19.2431

■ 178.6720, 4.1057,
-10.2363

■ 186.7010, 0.1474,
-0.6148

■ 194.1430, -3.5215,
9.5216

■ 201.8730, -7.3324,
18.5284

Harmonies

Analogous

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



131.6050, 15.4777, -64.5516



132.2700, 26.9819, -67.7658



141.1080, 29.5268, -43.9447

Triad

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



132.2700, 26.9819, -67.7658



152.3110, 5.2697, 36.5613



145.9150, -24.6081, 6.2135

Complementary

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



132.2700, 26.9819, -67.7658



109.7300, -26.9819, 67.7658

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.



148.4060, -25.8362, 26.8309



132.2700, 26.9819, -67.7658



151.2230, -7.9979, 45.4084

Square

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



132.2700, 26.9819, -67.7658



151.9800, 17.2649, 15.8035



150.2150, -19.3330, 41.0304



142.3510, -15.9490, -17.8478

Rectangle

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



132.2700, 26.9819, -67.7658



146.4850, 27.8619, -23.2273



150.2150, -19.3330, 41.0304



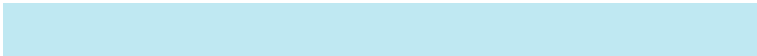
146.6170, -25.9402, 13.4909

Sweetspot

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



132.2700, 26.9819, -67.7658



220.8810, 10.4117, -26.2056



135.2200, -27.7165, -70.3529



109.5080, 6.1586, -15.3545



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



132.2700, 26.9819, -67.7658



156.9260, 41.9415, -106.0521



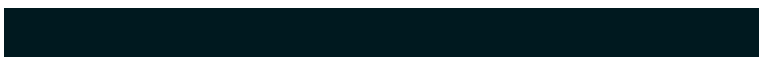
94.7020, 45.5029, -34.8187



90.1350, 1.9054, -4.5034



92.5610, 32.2614, -81.1760



18.2090, 6.3060, -15.9693

Inverse Universe

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



106.5520, 26.8429, 70.5529



116.5180, 42.1426, 110.0477



147.2980, -45.5029, 34.8187



88.4890, 1.7309, 4.8331



61.7200, 32.1830, 84.4376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 132.2700, 26.9819, -67.7658 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 132.2700, 26.9819, -67.7658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

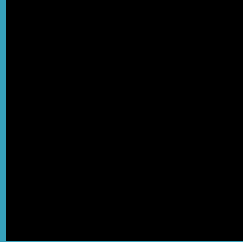
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.2700, 26.9819, -67.7658

Background



This preview shows how black text looks on a background with the YUV color 132.2700, 26.9819, -67.7658.

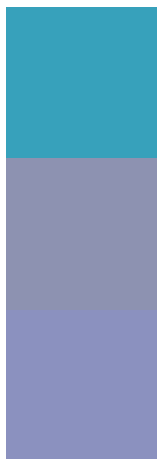


This preview shows how white text looks on a background with the YUV color 132.2700, 26.9819, -67.7658.

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

132.2700, 26.9819, -67.7658

Protanopia

148.0390, 14.2778, -6.1732

Deuteranopia

148.4500, 20.9772, -8.2876



Tritanopia

130.0970, 22.6302, -71.9991

Trichromacy



Original Color

132.2700, 26.9819, -67.7658

Protanomaly

142.1610, 19.1476, -28.2052

Deuteranomaly

142.5890, 23.3736, -30.3346

Tritanomaly

130.8630, 24.2245, -70.0399

Monochromacy



Original Color

132.2700, 26.9819, -67.7658

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.3650, 9.6801, -24.8761

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.2700, 26.9819, -67.7658 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(55, 161, 187)` looks like.

```
.text, #text, p{  
    color:rgb(55, 161, 187)  
}
```

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(55, 161, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 161, 187) }
```

Border

The CSS property to change the border of an element to YUV 132.2700, 26.9819, -67.7658 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

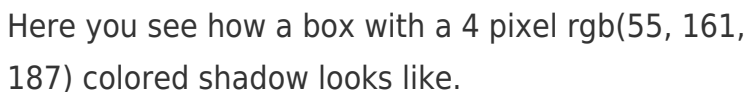
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(55, 161, 187) }
```


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

```
.border{ border-color:rgb(55, 161, 187) }
```

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



Here you see how a box with a 4 pixel `rgb(55, 161, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(55, 161, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(55, 161, 187); box-shadow:4px 4px 4px 4px rgb(55, 161, 187) }
```

Background

The CSS property to change the background color of an element to YUV 132.2700, 26.9819, -67.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 161, 187) }
```

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

```
.background{ background-color: rgb(55, 161,  
187) }
```

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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