

Converting Colors

YUV(132.5760, -0.7770,
-77.6812)

Have a look what the booklet for
YUV(132.5760, -0.7770, -77.6812)
contains.

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Color

**YUV(132.5760, -0.7770,
-77.6812)**

Conversions

Conversions Part 1

Format	Color
Hex	2CB283
RGB	44, 178, 131
RGB Percent	17%, 70%, 51%
CMY	0.8275, 0.3020, 0.4863
CMYK	0.75, 0.00, 0.26, 0.30
HSL	159°, 60%, 44%
HSV	159°, 75%, 70%
XYZ	21.0558, 34.0150, 26.9285
YIQ	132.5760, -64.7770, -43.0250

Conversions

Conversions Part 2

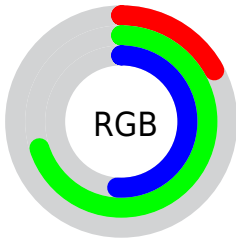
Format	Color
RYB	44, 125, 178
Decimal	2929283
CIELab	64.97, -46.49, 14.07
CIELCh	65, 48.572, 163.160
Yxy	34.0150, 0.2568, 0.4148
Android (android.graphics.Color)	4281119363 (0xFF2CB283)
YUV	132.5760, -0.7770, -77.6812
Hunter-Lab	58.3223, -37.6211, 13.4503

Details

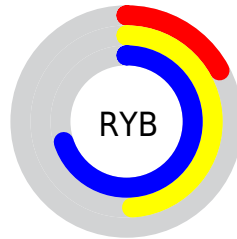
The YUV color **132.5760, -0.7770, -77.6812** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **89.4240, 0.7770, 77.6812**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.8110, -3.8508, -71.7482**, and **82.0220, -0.5038, -71.9333** is the 20% darker color. If you saturate the color by 10%, you get **126.5100, -0.7444, -88.1473**, and if you desaturate by 10%, it is **138.6420, -0.8095, -67.2150**.

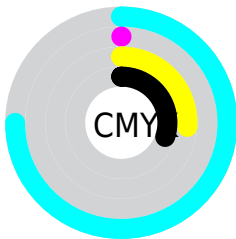
Distribution



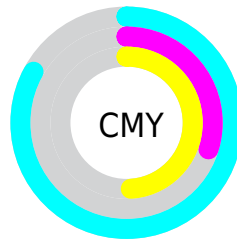
- Red (17%)
- Green (70%)
- Blue (51%)



- Red (17%)
- Yellow (49%)
- Blue (70%)



- Cyan (75%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)



- Cyan (83%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.5760, -0.7770, -77.6812 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 132.5760, -0.7770, -77.6812 by changing the saturation by 10% instead.

■ 132.5760, -0.7770,
-77.6812

■ 132.5760, -0.7770,
-77.6812

255.0000, 0.0000,
0.0000

■ 100.7210, 2.6025,
-88.3323

■ 191.8110, -3.8508,
-71.7482

■ 82.0220, -0.5038,
-71.9333

■ 215.7130, -1.8305,
-66.4003

■ 64.1380, -3.0260,
-56.2490

■ 227.5760, 6.1250,
-51.3712

■ 46.9550, -5.4008,
-41.1795

■ 238.2560, 8.2548,
-34.4275

■ 31.1740, -7.4808,
-27.3396

■ 247.2260, 3.8326,
-15.9842

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,

0.0000

■ 132.5760, -0.7770,
-77.6812

■ 132.5760, -0.7770,
-77.6812

■ 126.5100, -0.7444,
-88.1473

■ 138.6420, -0.8095,
-67.2150

■ 120.4440, -0.7119,
-98.6134

■ 144.7080, -0.8420,
-56.7489

■ 117.7100, -0.8430,
-103.2317

■ 150.5890, -0.2904,
-46.9976

■ 156.6550, -0.3229,
-36.5314

■ 162.7210, -0.3555,
-26.0653

■ 168.7870, -0.3880,
-15.5992

■ 174.9670, 0.0163,
-5.2331

■ 180.7340, 0.1311,
4.6183

■ 186.8000, 0.0986,
15.0844

Harmonies

Analogous

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



146.4350, -26.8365, -25.8145



132.5760, -0.7770, -77.6812



125.7240, 24.7861, -110.2599

Triad

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



132.5760, -0.7770, -77.6812



154.7410, 43.0187, -31.3449



157.3660, -28.2814, 64.5770

Complementary

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



132.5760, -0.7770, -77.6812



89.4240, 0.7770, 77.6812

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.



158.4480, -9.0949, 70.6441



132.5760, -0.7770, -77.6812



162.4010, 28.8893, 20.6963

Square

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



132.5760, -0.7770, -77.6812



126.5630, 55.9244, -110.9958



161.0390, 11.3198, 56.0938



155.6070, -40.7253, 42.4407

Rectangle

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



132.5760, -0.7770, -77.6812



127.7420, 37.5952, -112.0297



161.0390, 11.3198, 56.0938



157.2940, -22.3299, 69.0252

Sweetspot

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



132.5760, -0.7770, -77.6812



213.9870, -0.4866, -30.6836



137.3090, -46.0013, -38.8590



105.8790, 0.0597, -19.1879



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.



132.5760, -0.7770, -77.6812



161.1870, -1.0782, -121.1900



127.3680, 24.9616, -73.1137



85.9670, 0.0163, -5.2331



101.0970, -1.0338, -88.6621



17.2000, -0.0986, -15.0844

Inverse Universe

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



89.4240, 0.7770, 77.6812



93.8130, 1.0782, 121.1900



94.6320, -24.9616, 73.1137



83.0330, -0.0163, 5.2331



51.9030, 1.0338, 88.6621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 132.5760, -0.7770, -77.6812 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 132.5760, -0.7770, -77.6812 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 132.5760, -0.7770, -77.6812

Background



This preview shows how black text looks on a background with the YUV color 132.5760, -0.7770, -77.6812.

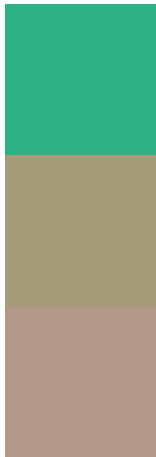


This preview shows how white text looks on a background with the YUV color 132.5760, -0.7770,

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

132.5760, -0.7770, -77.6812

Protanopia

155.2990, -16.9094, 10.2618

Deuteranopia

157.7760, -10.2426, 18.6134



Tritanopia

142.6960, 20.8559, -62.8774

Trichromacy



Original Color

132.5760, -0.7770, -77.6812

Protanomaly

146.9960, -10.8440, -21.9215

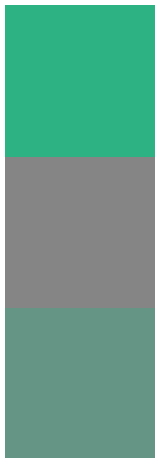
Deuteranomaly

148.7670, -6.7871, -16.4587

Tritanomaly

139.1870, 12.7258, -68.5700

Monochromacy



Original Color

132.5760, -0.7770, -77.6812

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7100, -0.3500, -27.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.5760, -0.7770, -77.6812 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(44, 178, 131)` looks like.

```
.text, #text, p{  
    color:rgb(44, 178, 131)  
}
```

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(44, 178, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 178, 131) }
```

Border

The CSS property to change the border of an element to YUV 132.5760, -0.7770, -77.6812 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(44, 178, 131) }
```


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

```
.border{ border-color:rgb(44, 178, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 178, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 178, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 178, 131);  
box-shadow:4px 4px 4px 4px rgb(44, 178,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 132.5760, -0.7770, -77.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 178, 131) }
```

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

```
.background{ background-color: rgb(44, 178,  
131) }
```

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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