

Converting Colors

YUV(126.7880, -22.5735,
-86.6371)

Have a look what the booklet for
YUV(126.7880, -22.5735, -86.6371)
contains.

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Color

**YUV(126.7880, -22.5735,
-86.6371)**

Conversions

Conversions Part 1

Format	Color
Hex	1CBA51
RGB	28, 186, 81
RGB Percent	11%, 73%, 32%
CMY	0.8902, 0.2706, 0.6824
CMYK	0.85, 0.00, 0.56, 0.27
HSL	140°, 74%, 42%
HSV	140°, 85%, 73%
XYZ	19.5230, 35.9588, 13.6964
YIQ	126.7880, -60.4630, -66.1510

Conversions

Conversions Part 2

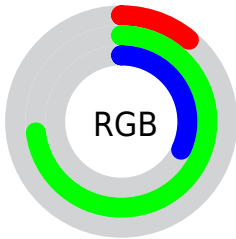
Format	Color
RYB	28, 146, 186
Decimal	1882705
CIELab	66.49, -60.54, 42.01
CIELCh	66, 73.690, 145.242
Yxy	35.9588, 0.2822, 0.5198
Android (android.graphics.Color)	4280072785 (0xFF1CBA51)
YUV	126.7880, -22.5735, -86.6371
Hunter-Lab	59.9656, -46.8256, 28.4339

Details

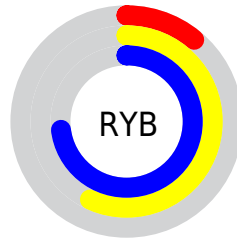
The YUV color **126.7880, -22.5735, -86.6371** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **87.2120, 22.5735, 86.6371**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.8990, -27.5582, -74.4564**, and **80.3170, -24.8063, -70.4380** is the 20% darker color. If you saturate the color by 10%, you get **119.7390, -25.0143, -97.1181**, and if you desaturate by 10%, it is **133.8370, -20.1326, -76.1560**.

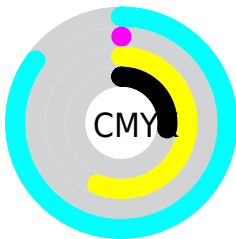
Distribution



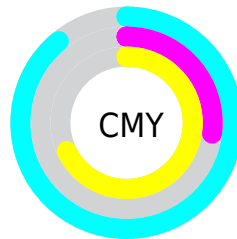
- Red (11%)
- Green (73%)
- Blue (32%)



- Red (11%)
- Yellow (57%)
- Blue (73%)



- Cyan (85%)
- Magenta (0%)
- Yellow (56%)
- Black (27%)





- Cyan (89%)
- Magenta (27%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.7880, -22.5735, -86.6371 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 126.7880, -22.5735, -86.6371 by changing the saturation by 10% instead.


 126.7880,
-22.5735, -86.6371


 126.7880,
-22.5735, -86.6371


255.0000, 0.0000,
0.0000

 99.1300, -21.2631,
-86.9370


 188.8990,
-27.5582, -74.4564

 80.3170, -24.8063,
-70.4380


 208.2900,
-23.8070, -64.2753


 61.6350, -30.3861,
-54.0539


 220.3380,
-16.4356, -48.5314

 46.3730, -22.8619,
-40.6691

 232.9130, -8.3381,
-32.3727

 32.2850, -15.9165,
-28.3139

 245.1890, -0.0932,
-16.8288

 18.1970, -8.9711,
-15.9588

 0.0000, 0.0000,

0.0000

■ 126.7880,
-22.5735, -86.6371

■ 126.7880,
-22.5735, -86.6371

■ 119.7390,
-25.0143, -97.1181

■ 133.8370,
-20.1326, -76.1560

■ 116.2500,
-26.7452, -101.9512

■ 140.7010,
-17.1076, -66.3898

■ 147.7500,
-14.6668, -55.9087

■ 154.5000,
-12.0785, -46.0425

■ 161.6630, -9.2009,
-35.6615

■ 168.7120, -6.7600,
-25.1804

■ 175.5760, -3.7350,
-15.4142

■ 182.6250, -1.2941,
-4.9331

■ 189.3750, 1.2941,
4.9331

Harmonies

Analogous

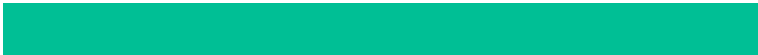
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



145.4260, -66.7650, -5.6356



126.7880, -22.5735, -86.6371



129.1030, 9.8092, -113.2233

Triad

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



126.7880, -22.5735, -86.6371



130.6210, 61.3188, -114.5546



147.3710, -18.9169, 94.3906

Complementary

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



126.7880, -22.5735, -86.6371



87.2120, 22.5735, 86.6371

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.



151.3730, 11.6481, 90.8809



126.7880, -22.5735, -86.6371



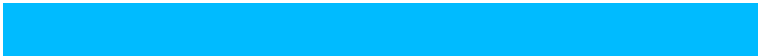
158.0940, 47.7747, -16.7454

Square

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



126.7880, -22.5735, -86.6371



138.8390, 57.2674, -121.7618



164.8800, 36.0482, 57.9872



155.5860, -52.0539, 82.8011

Rectangle

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



126.7880, -22.5735, -86.6371



134.9340, 29.6125, -118.3371



164.8800, 36.0482, 57.9872



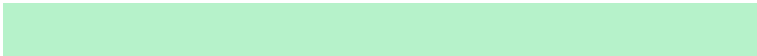
146.3570, -7.5710, 95.2799

Sweetspot

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



126.7880, -22.5735, -86.6371



219.5000, -8.6275, -32.8875



152.1410, -61.2015, -16.7867



108.5000, -5.1765, -19.7325



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.



126.7880, -22.5735, -86.6371



151.2880, -34.6520, -132.6796



135.7940, 11.9336, -94.5353



88.6250, -1.2941, -4.9331



97.5000, -22.4315, -85.5075



17.4620, -4.1718, -15.3142

Inverse Universe

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



87.2120, 22.5735, 86.6371



90.7120, 34.6520, 132.6796



78.2060, -11.9336, 94.5353



86.3750, 1.2941, 4.9331



58.3860, 21.9947, 85.6075



10.5380, 4.1718, 15.3142

Previews

White Background



This preview shows how the YUV color 126.7880, -22.5735, -86.6371 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 126.7880, -22.5735, -86.6371 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 126.7880, -22.5735, -86.6371 Background



This preview shows how black text looks on a background with the YUV color 126.7880, -22.5735, -86.6371.



This preview shows how white text looks on a background with the YUV color 126.7880, -22.5735, -86.6371.

-86.6371.

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

126.7880, -22.5735, -86.6371

Protanopia

156.0510, -40.9441, 19.2493

Deuteranopia

158.6750, -33.8568, 32.7340



Tritanopia

147.2940, 20.5611, -61.6478

Trichromacy



Original Color

126.7880, -22.5735, -86.6371



Protanomaly

145.2310, -34.1309, -19.4966



Deuteranomaly

147.1380, -29.6480, -10.6450



Tritanomaly

139.8140, 5.0217, -70.8739

Monochromacy



Original Color

126.7880, -22.5735, -86.6371



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.6250, -8.1961, -31.2431

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7880, -22.5735, -86.6371 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, 186, 81)` looks like.

```
.text, #text, p{  
    color:rgb(28, 186, 81)  
}
```

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, 186, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 186, 81) }
```

Border

The CSS property to change the border of an element to YUV 126.7880, -22.5735, -86.6371 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, 186, 81) }
```


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

```
.border{ border-color:rgb(28, 186, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 186, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 186, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 186, 81);  
box-shadow:4px 4px 4px 4px rgb(28, 186,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 126.7880, -22.5735, -86.6371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 186, 81) }
```

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

```
.background{ background-color: rgb(28, 186,  
81) }
```

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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