

Converting Colors

YUV(80.8070, -27.0199,
79.9763)

Have a look what the booklet for
YUV(80.8070, -27.0199, 79.9763)
contains.

YUV(80.8070, -27.0199, 79.9763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(80.8070, -27.0199,
79.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	AC2D1A
RGB	172, 45, 26
RGB Percent	67%, 18%, 10%
CMY	0.3255, 0.8235, 0.8980
CMYK	0.00, 0.74, 0.85, 0.33
HSL	8°, 74%, 39%
HSV	8°, 85%, 67%
XYZ	18.1381, 10.7220, 2.0909
YIQ	80.8070, 81.7910, 21.0150

Conversions

Conversions Part 2

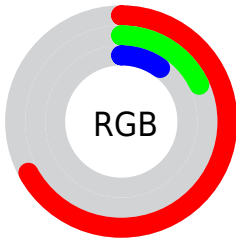
Format	Color
RYB	172, 48, 26
Decimal	11283738
CIELab	39.11, 50.33, 41.46
CIELCh	39, 65.205, 39.479
Yxy	10.7220, 0.5860, 0.3464
Android (android.graphics.Color)	4289473818 (0xFFAC2D1A)
YUV	80.8070, -27.0199, 79.9763
Hunter-Lab	32.7445, 41.5734, 19.1353

Details

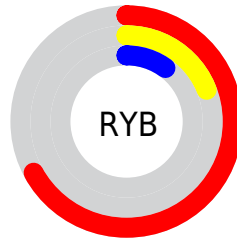
The YUV color **80.8070, -27.0199, 79.9763** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **117.1930, 27.0199, -79.9763**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8740, -31.9829, 85.1795**, and **33.1890, -16.3622, 68.2402** is the 20% darker color. If you saturate the color by 10%, you get **70.0640, -30.1046, 89.3979**, and if you desaturate by 10%, it is **91.5500, -23.9351, 70.5547**.

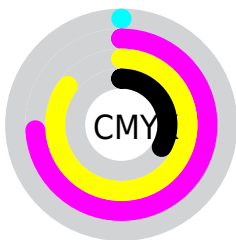
Distribution



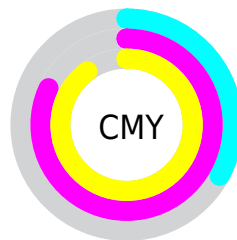
- Red (67%)
- Green (18%)
- Blue (10%)



- Red (67%)
- Yellow (19%)
- Blue (10%)



- Cyan (0%)
- Magenta (74%)
- Yellow (85%)
- Black (33%)



- Cyan (33%)
- Magenta (82%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8070, -27.0199, 79.9763 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 80.8070, -27.0199, 79.9763 by changing the saturation by 10% instead.

80.8070, -27.0199,
79.9763

80.8070, -27.0199,
79.9763

255.0000, 0.0000,
0.0000

47.0830, -22.2259,
82.3652

136.8740,
-31.9829, 85.1795

33.1890, -16.3622,
68.2402

161.7380,
-32.4088, 81.7908

24.2190, -11.9400,
49.7969

181.1380,
-29.1550, 64.7770

16.6730, -7.2338,
33.6128

200.5380,
-25.9012, 47.7632

2.6910, -1.3267,
5.5330

220.0520,
-22.2106, 30.6494

0.0000, 0.0000,
0.0000

240.1530,

-18.8094, 13.0208

■ 252.1500,
-10.9200, 2.4994

■ 80.8070, -27.0199,
79.9763

■ 80.8070, -27.0199,
79.9763

■ 70.0640, -30.1046,
89.3979

■ 91.5500, -23.9351,
70.5547

■ 64.3420, -31.7206,
94.4161

■ 102.2930,
-20.8504, 61.1330

■ 113.1500,
-17.3289, 51.6115

■ 123.8930,
-14.2442, 42.1898

■ 134.6360,
-11.1595, 32.7682

■ 145.3790, -8.0748,
23.3466

■ 156.1220, -4.9901,
13.9250

■ 166.9790, -1.4686,
4.4034

■ 177.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



67.1310, 5.3584, 101.6171



80.8070, -27.0199, 79.9763



86.1840, -42.4887, 48.0736

Triad

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



80.8070, -27.0199, 79.9763



71.6720, -9.6983, -62.8563



77.7500, 59.2833, -68.1868

Complementary

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



80.8070, -27.0199, 79.9763



117.1930, 27.0199, -79.9763

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.



85.2840, 52.6110, -74.7941



80.8070, -27.0199, 79.9763



79.2300, 14.1836, -69.4847

Square

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



80.8070, -27.0199, 79.9763



72.6760, -35.8293, -34.7959



85.0440, 36.4603, -74.5836



93.3540, 40.2515, 16.3525

Rectangle

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



80.8070, -27.0199, 79.9763



86.9160, -42.8496, 23.7527



85.0440, 36.4603, -74.5836



81.5000, 58.4205, -71.4755

Sweetspot

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



80.8070, -27.0199, 79.9763



189.4400, -10.5699, 30.3091



84.3600, 34.8255, 76.8603



91.2150, -6.0220, 18.2284



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



80.8070, -27.0199, 79.9763



83.9990, -41.4115, 122.7809



122.4840, -47.5666, 43.4255



81.2780, -1.6161, 5.0182



56.5900, -27.8989, 81.9206



8.6380, -4.2585, 12.5955

Inverse Universe

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



117.1930, 27.0199, -79.9763



140.0010, 41.4115, -122.7809



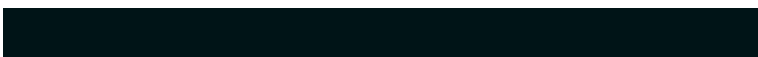
75.5160, 47.5666, -43.4255



83.7220, 1.6161, -5.0182



93.9970, 27.6095, -82.4354



14.3620, 4.2585, -12.5955

Previews

White Background



This preview shows how the YUV color 80.8070, -27.0199, 79.9763 looks on a white 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

Black Background



This preview shows how the YUV color 80.8070, -27.0199, 79.9763 looks on a black 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

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

YUV 80.8070, -27.0199, 79.9763

Background



This preview shows how black text looks on a background with the YUV color 80.8070, -27.0199, 79.9763.



This preview shows how white text looks on a background with the YUV color 80.8070, -27.0199,

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

80.8070, -27.0199, 79.9763

Protanopia

90.0190, -25.6454, 12.2613

Deuteranopia

86.9380, -42.8604, 27.2414



Tritanopia

81.6850, -18.5787, 79.2063

Trichromacy



Original Color

80.8070, -27.0199, 79.9763

Protanomaly

87.0590, -26.1581, 36.7823

Deuteranomaly

84.5520, -37.2471, 46.8739

Tritanomaly

81.4740, -21.9257, 79.3913

Monochromacy



Original Color

80.8070, -27.0199, 79.9763

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9560, -9.8383, 28.9796

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8070, -27.0199, 79.9763 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(172, 45, 26)` looks like.

```
.text, #text, p{  
    color:rgb(172, 45, 26)  
}
```

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(172, 45, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 45, 26) }
```

Border

The CSS property to change the border of an element to YUV 80.8070, -27.0199, 79.9763 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(172, 45, 26) }
```


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

```
.border{ border-color:rgb(172, 45, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 45, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 45, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 45, 26);  
box-shadow:4px 4px 4px 4px rgb(172, 45,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 80.8070, -27.0199, 79.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 45, 26) }
```

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

```
.background{ background-color: rgb(172, 45,  
26) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor