

Converting Colors

YUV(86.0160, -17.2629,
77.1620)

Have a look what the booklet for
YUV(86.0160, -17.2629, 77.1620)
contains.

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Color

**YUV(86.0160, -17.2629,
77.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	AE3033
RGB	174, 48, 51
RGB Percent	68%, 19%, 20%
CMY	0.3176, 0.8118, 0.8000
CMYK	0.00, 0.72, 0.71, 0.32
HSL	359°, 57%, 44%
HSV	359°, 72%, 68%
XYZ	19.1101, 11.3516, 4.3158
YIQ	86.0160, 74.1330, 27.6450

Conversions

Conversions Part 2

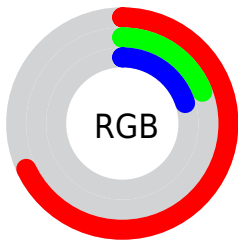
Format	Color
R_{YB}	174, 48, 51
Decimal	11415603
CIE Lab	40.17, 50.82, 28.65
CIE LCh	40, 58.338, 29.410
Yxy	11.3516, 0.5495, 0.3264
Android (android.graphics.Color)	4289605683 (0xFFAE3033)
YUV	86.0160, -17.2629, 77.1620
Hunter-Lab	33.6921, 42.2833, 15.9897

Details

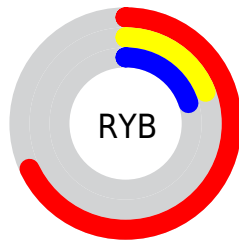
The YUV color **86.0160, -17.2629, 77.1620** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **135.9840, 17.2629, -77.1620**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8980, -21.6417, 81.6505**, and **34.8840, -13.7468, 69.3847** is the 20% darker color. If you saturate the color by 10%, you get **74.0990, -19.7688, 87.6132**, and if you desaturate by 10%, it is **97.9330, -14.7570, 66.7108**.

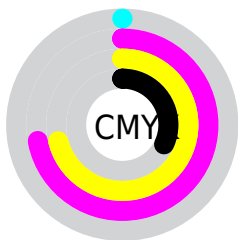
Distribution



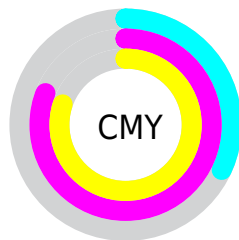
- Red (68%)
- Green (19%)
- Blue (20%)



- Red (68%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (72%)
- Yellow (71%)
- Black (32%)





- Cyan (32%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.0160, -17.2629, 77.1620 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 86.0160, -17.2629, 77.1620 by changing the saturation by 10% instead.


 86.0160, -17.2629,
77.1620

 86.0160, -17.2629,
77.1620


255.0000, 0.0000,
0.0000

 54.1070, -11.8848,
78.8362

 141.8980,
-21.6417, 81.6505

 34.8840, -13.7468,
69.3847


 166.4630,
-21.9203, 77.6469


 25.4150, -12.5296,
52.2560

 185.8630,
-18.6665, 60.6331

 17.5700, -7.6760,
35.4571

 205.3770,
-14.9759, 43.5194

 5.6810, -2.8007,
11.6808

 225.4780,
-11.5747, 25.8908

 0.0000, 0.0000,
0.0000

 245.8070, -7.2999,

■ 86.0160, -17.2629,
77.1620

■ 86.0160, -17.2629,
77.1620

■ 74.0990, -19.7688,
87.6132

■ 97.9330, -14.7570,
66.7108

■ 61.5950, -21.9853,
98.5792

■ 110.4370,
-12.5404, 55.7448

■ 52.4820, -23.9016,
106.5713

■ 122.3540,
-10.0345, 45.2935

■ 134.8580, -7.8180,
34.3275

■ 146.7750, -5.3121,
23.8763

■ 158.6920, -2.8062,
13.4251

■ 171.1960, -0.5896,
2.4591

■ 183.1130, 1.9163,
-7.9921

■ 195.6170, 4.1328,
-18.9581

Harmonies

Analogous

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



85.2160, 6.3025, 78.7406



86.0160, -17.2629, 77.1620



87.7120, -43.2420, 56.3806

Triad

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



86.0160, -17.2629, 77.1620



70.5320, -14.0663, -61.8566



81.0610, 54.1999, -71.0905

Complementary

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



86.0160, -17.2629, 77.1620



135.9840, 17.2629, -77.1620

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.



85.3350, 45.1908, -74.8388



86.0160, -17.2629, 77.1620



77.9930, 6.9055, -68.3999

Square

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



86.0160, -17.2629, 77.1620



81.9670, -40.4097, -12.2491



83.4650, 27.8718, -73.1988



94.5530, 41.6324, -6.6240

Rectangle

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



86.0160, -17.2629, 77.1620



89.6400, -44.1925, 34.5187



83.4650, 27.8718, -73.1988



83.1810, 52.1688, -72.9497

Sweetspot

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



86.0160, -17.2629, 77.1620



192.0640, -6.9336, 30.6389



98.8420, 37.0529, 62.4056



94.0840, -3.9854, 18.3433



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



86.0160, -17.2629, 77.1620



89.3590, -27.2920, 120.7112



120.3070, -35.6474, 47.0888



80.6910, -1.3267, 5.5330



45.3060, -20.3639, 91.8166



6.9910, -2.9536, 14.0399

Inverse Universe

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



86.0160, -17.2629, 77.1620



89.3590, -27.2920, 120.7112



101.6930, 35.6474, -47.0888



80.6910, -1.3267, 5.5330



45.3060, -20.3639, 91.8166



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 86.0160, -17.2629, 77.1620 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 86.0160, -17.2629, 77.1620 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 86.0160, -17.2629, 77.1620

Background



This preview shows how black text looks on a background with the YUV color 86.0160, -17.2629, 77.1620.



This preview shows how white text looks on a background with the YUV color 86.0160, -17.2629,

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

86.0160, -17.2629, 77.1620

Protanopia

94.9010, -13.2622, 7.1028

Deuteranopia

93.7150, -24.5095, 21.2979



Tritanopia

85.9020, -17.6997, 77.2619

Trichromacy



Original Color

86.0160, -17.2629, 77.1620

Protanomaly

92.0120, -14.7959, 32.4385

Deuteranomaly

90.6450, -21.5170, 41.5303

Tritanomaly

85.9020, -17.6997, 77.2619

Monochromacy



Original Color

86.0160, -17.2629, 77.1620

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8680, -6.3439, 28.1798

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0160, -17.2629, 77.1620 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(174, 48, 51)` looks like.

```
.text, #text, p{  
    color:rgb(174, 48, 51)  
}
```

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(174, 48, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 48, 51) }
```

Border

The CSS property to change the border of an element to YUV 86.0160, -17.2629, 77.1620 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(174, 48, 51) }
```


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

```
.border{ border-color:rgb(174, 48, 51) }
```

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

Here you see how a box with a 4 pixel rgb(174, 48, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 48, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 48, 51);  
box-shadow:4px 4px 4px 4px rgb(174, 48,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 86.0160, -17.2629, 77.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 48, 51) }
```

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

```
.background{ background-color: rgb(174, 48,  
51) }
```

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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