

Converting Colors

YUV(77.8660, -9.3009,
136.9295)

Have a look what the booklet for
YUV(77.8660, -9.3009, 136.9295)
contains.

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Color

**YUV(77.8660, -9.3009,
136.9295)**

Conversions

Conversions Part 1

Format	Color
Hex	EA023B
RGB	234, 2, 59
RGB Percent	92%, 1%, 23%
CMY	0.0824, 0.9922, 0.7686
CMYK	0.00, 0.99, 0.75, 0.08
HSL	345°, 98%, 46%
HSV	345°, 99%, 92%
XYZ	34.7428, 17.8516, 5.7522
YIQ	77.8660, 119.9750, 66.9110

Conversions

Conversions Part 2

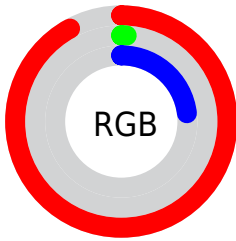
Format	Color
RYB	234, 2, 59
Decimal	15335995
CIELab	49.32, 75.97, 37.57
CIELCh	49, 84.751, 26.313
Yxy	17.8516, 0.5955, 0.3060
Android (android.graphics.Color)	4293526075 (0xFFEA023B)
YUV	77.8660, -9.3009, 136.9295
Hunter-Lab	42.2512, 72.8397, 21.5039

Details

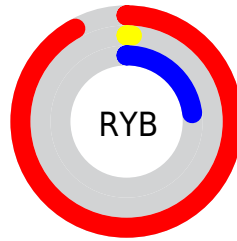
The YUV color **77.8660, -9.3009, 136.9295** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **158.1340, 9.3009, -136.9295**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9200, -18.2016, 98.2942**, and **52.5830, -17.0494, 102.0977** is the 20% darker color. If you saturate the color by 10%, you get **76.4640, -9.5958, 138.1591**, and if you desaturate by 10%, it is **93.4190, -8.0946, 123.2895**.

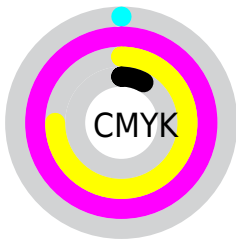
Distribution



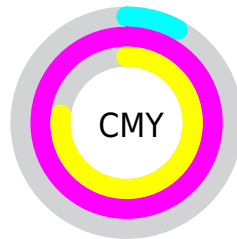
- Red (92%)
- Green (1%)
- Blue (23%)



- Red (92%)
- Yellow (1%)
- Blue (23%)



- Cyan (0%)
- Magenta (99%)
- Yellow (75%)
- Black (8%)





- Cyan (8%)
- Magenta (99%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 77.8660, -9.3009, 136.9295 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 77.8660, -9.3009, 136.9295 by changing the saturation by 10% instead.


 77.8660, -9.3009,
136.9295

 77.8660, -9.3009,
136.9295


255.0000, 0.0000,
0.0000


 64.3170, -13.4673,
119.8710


 142.9200,
-18.2016, 98.2942


 52.5830, -17.0494,
102.0977


 163.9670,
-16.2527, 79.8359


 40.9630, -20.1948,
84.2244


 184.6550,
-13.1409, 61.6926

 31.6230, -14.6041,
64.3516

 205.3430,
-10.0291, 43.5492

 22.8810, -9.3083,
45.7084

 226.0310, -6.9173,
25.4058

 12.9710, -5.9017,
26.3354

 247.5340, -3.2213,

 0.0000, 0.0000,

6.5477

0.0000

■ 77.8660, -9.3009,
136.9295

■ 77.8660, -9.3009,
136.9295

■ 76.4640, -9.5958,
138.1591

■ 93.4190, -8.0946,
123.2895

■ 109.4450, -7.6144,
109.2347

■ 124.9980, -6.4080,
95.5948

■ 141.1380, -5.4910,
81.4400

■ 156.5770, -4.7215,
67.9000

■ 172.1300, -3.5151,
54.2600

■ 188.2700, -2.5981,
40.1052

■ 203.7090, -1.8285,
26.5652

■ 219.8490, -0.9116,
12.4104

Harmonies

Analogous

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



84.6720, 21.8537, 130.9607



77.8660, -9.3009, 136.9295



105.8960, -52.2067, 85.1602

Triad

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



77.8660, -9.3009, 136.9295



85.2750, -31.1946, -74.7862



105.3800, 73.7627, -92.4183

Complementary

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



77.8660, -9.3009, 136.9295



158.1340, 9.3009, -136.9295

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.



111.0730, 62.5750, -97.4110



77.8660, -9.3009, 136.9295



97.7860, 4.0495, -85.7583

Square

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



77.8660, -9.3009, 136.9295



100.8170, -49.7028, -18.2565



106.8090, 36.0832, -93.6715



110.5710, 67.7525, -31.1958

Rectangle

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



77.8660, -9.3009, 136.9295



110.7040, -54.5771, 52.0026



106.8090, 36.0832, -93.6715



108.9020, 72.0263, -95.5071

Sweetspot

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



77.8660, -9.3009, 136.9295



203.7760, -3.3406, 44.9234



80.4740, 75.6883, 83.7763



97.0080, -1.9759, 27.1800



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



77.8660, -9.3009, 136.9295



83.4270, -10.0705, 150.4695



105.4140, -50.9831, 112.7699



109.5170, -0.7479, 6.5626



59.1350, -7.4616, 106.8756



17.6280, -2.2816, 31.8982

Inverse Universe

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



77.8660, -9.3009, 136.9295



83.4270, -10.0705, 150.4695



130.5860, 50.9831, -112.7699



109.5170, -0.7479, 6.5626



59.1350, -7.4616, 106.8756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 77.8660, -9.3009, 136.9295 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 77.8660, -9.3009, 136.9295 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 77.8660, -9.3009, 136.9295

Background



This preview shows how black text looks on a background with the YUV color 77.8660, -9.3009, 136.9295.



This preview shows how white text looks on a background with the YUV color 77.8660, -9.3009,

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

77.8660, -9.3009, 136.9295

Protanopia

117.9720, -14.2832, 7.9176

Deuteranopia

115.8270, -34.4247, 28.2157



Tritanopia

85.5790, -34.3024, 129.2882

Trichromacy



Original Color

77.8660, -9.3009, 136.9295

Protanomaly

103.1380, -12.3930, 55.1300

Deuteranomaly

102.1860, -25.2347, 67.3659

Tritanomaly

82.7070, -24.9986, 131.8070

Monochromacy



Original Color

77.8660, -9.3009, 136.9295

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.8090, -3.3568, 50.1565

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8660, -9.3009, 136.9295 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(234, 2, 59)` looks like.

```
.text, #text, p{  
    color:rgb(234, 2, 59)  
}
```

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(234, 2, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 2, 59) }
```

Border

The CSS property to change the border of an element to YUV 77.8660, -9.3009, 136.9295 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(234, 2, 59) }
```


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

```
.border{ border-color:rgb(234, 2, 59) }
```

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

Here you see how a box with a 4 pixel rgb(234, 2, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 2, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 2, 59);  
box-shadow:4px 4px 4px 4px rgb(234, 2, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.8660, -9.3009, 136.9295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 2, 59) }
```

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

```
.background{ background-color: rgb(234, 2,  
59) }
```

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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