

Converting Colors

YUV(85.8410, -18.1626,
132.5664)

Have a look what the booklet for
YUV(85.8410, -18.1626, 132.5664)
contains.

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Color

**YUV(85.8410, -18.1626,
132.5664)**

Conversions

Conversions Part 1

Format	Color
Hex	ED1031
RGB	237, 16, 49
RGB Percent	93%, 6%, 19%
CMY	0.0706, 0.9373, 0.8078
CMYK	0.00, 0.93, 0.79, 0.07
HSL	351°, 87%, 50%
HSV	351°, 93%, 93%
XYZ	35.6647, 18.5969, 4.6155
YIQ	85.8410, 121.1230, 57.1150

Conversions

Conversions Part 2

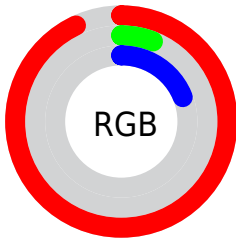
Format	Color
R_{YB}	237, 16, 49
Decimal	15536177
CIE Lab	50.21, 75.24, 44.42
CIE LCh	50, 87.376, 30.559
Yxy	18.5969, 0.6057, 0.3159
Android (android.graphics.Color)	4293726257 (0xFFED1031)
YUV	85.8410, -18.1626, 132.5664
Hunter-Lab	43.1241, 72.1570, 23.8411

Details

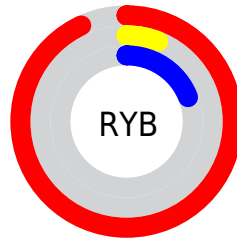
The YUV color **85.8410, -18.1626, 132.5664** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **167.1590, 18.1626, -132.5664**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1280, -23.7271, 97.2347**, and **51.6990, -23.0226, 104.6270** is the 20% darker color. If you saturate the color by 10%, you get **74.8530, -19.6475, 142.2029**, and if you desaturate by 10%, it is **102.2090, -16.3720, 118.2117**.

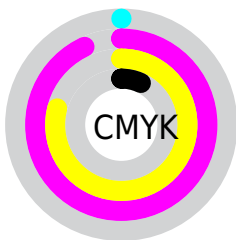
Distribution



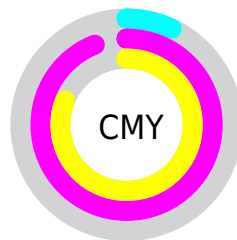
- Red (93%)
- Green (6%)
- Blue (19%)



- Red (93%)
- Yellow (6%)
- Blue (19%)



- Cyan (0%)
- Magenta (93%)
- Yellow (79%)
- Black (7%)





- Cyan (7%)
- Magenta (94%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.8410, -18.1626, 132.5664 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 85.8410, -18.1626, 132.5664 by changing the saturation by 10% instead.


 85.8410, -18.1626,
132.5664

 85.8410, -18.1626,
132.5664


255.0000, 0.0000,
0.0000


 64.0740, -18.2775,
122.7151


 144.1280,
-23.7271, 97.2347

 51.6990, -23.0226,
104.6270


 164.5880,
-21.4889, 79.2913


 41.5610, -20.4896,
85.4540


 185.1620,
-18.8139, 61.2479

 32.2210, -14.8990,
65.5812

 205.8500,
-15.7020, 43.1046

 23.4790, -9.6031,
46.9379

 226.5380,
-12.5902, 24.9612

 13.5690, -6.1965,
27.5650

 247.9270, -9.3310,

 0.0000, 0.0000,

6.2030

0.0000

■ 85.8410, -18.1626,
132.5664

■ 85.8410, -18.1626,
132.5664

■ 74.8530, -19.6475,
142.2029

■ 102.2090,
-16.3720, 118.2117

■ 117.9900,
-14.2921, 104.3718

■ 134.3580,
-12.5015, 90.0170

■ 150.8400,
-10.2741, 75.5623

■ 166.6210, -8.1942,
61.7224

■ 182.9890, -6.4036,
47.3676

■ 199.3570, -4.6130,
33.0129

■ 215.7250, -2.8224,
18.6582

■ 231.5060, -0.7425,
4.8182

Harmonies

Analogous

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



86.2660, 17.6169, 136.5787



85.8410, -18.1626, 132.5664



109.4070, -53.9377, 80.3271

Triad

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



85.8410, -18.1626, 132.5664



89.2190, -26.2370, -78.2451



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.



85.8410, -18.1626, 132.5664



167.1590, 18.1626, -132.5664

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.



113.6150, 67.2378, -99.6404



85.8410, -18.1626, 132.5664



101.0290, 8.8597, -88.6024

Square

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



85.8410, -18.1626, 132.5664



99.5660, -49.0860, -29.4374



110.1660, 41.3302, -96.6156



117.1220, 65.5089, -11.5080

Rectangle

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



85.8410, -18.1626, 132.5664



112.7310, -55.5764, 45.8399



110.1660, 41.3302, -96.6156



108.9020, 72.0263, -95.5071

Sweetspot

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



85.8410, -18.1626, 132.5664



206.3690, -6.0979, 42.6494



97.4060, 68.8198, 93.4829



97.9540, -3.4283, 26.3503



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.



85.8410, -18.1626, 132.5664



80.5770, -20.9905, 152.9690



127.2780, -54.8601, 96.2262



109.4030, -1.1847, 6.6626



57.1970, -14.8871, 108.5752



17.0580, -4.4656, 32.3981

Inverse Universe

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



85.8410, -18.1626, 132.5664



80.5770, -20.9905, 152.9690



125.7220, 54.8601, -96.2262



109.4030, -1.1847, 6.6626



57.1970, -14.8871, 108.5752



17.0580, -4.4656, 32.3981

Previews

White Background



This preview shows how the YUV color 85.8410, -18.1626, 132.5664 looks on a white 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

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 85.8410, -18.1626, 132.5664

Background



This preview shows how black text looks on a background with the YUV color 85.8410, -18.1626, 132.5664.



This preview shows how white text looks on a background with the YUV color 85.8410, -18.1626,

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

85.8410, -18.1626, 132.5664

Protanopia

118.7460, -21.5668, 10.7468

Deuteranopia

115.7150, -41.2715, 30.9449



Tritanopia

87.3620, -35.1815, 131.2325

Trichromacy



Original Color

85.8410, -18.1626, 132.5664

Protanomaly

107.0750, -20.2500, 55.1852

Deuteranomaly

104.5360, -32.8022, 67.9359

Tritanomaly

86.9690, -29.0717, 131.5772

Monochromacy



Original Color

85.8410, -18.1626, 132.5664

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2880, -6.5510, 47.9824

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8410, -18.1626, 132.5664 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(237, 16, 49)` looks like.

```
.text, #text, p{  
    color:rgb(237, 16, 49)  
}
```

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(237, 16, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 16, 49) }
```

Border

The CSS property to change the border of an element to YUV 85.8410, -18.1626, 132.5664 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(237, 16, 49) }
```


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

```
.border{ border-color:rgb(237, 16, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 16, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 16, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 16, 49);  
box-shadow:4px 4px 4px 4px rgb(237, 16,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 85.8410, -18.1626, 132.5664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 16, 49) }
```

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

```
.background{ background-color: rgb(237, 16,  
49) }
```

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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