

Converting Colors

YUV(86.0250, -13.8163,
138.5441)

Have a look what the booklet for
YUV(86.0250, -13.8163, 138.5441)
contains.

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Color

**YUV(86.0250, -13.8163,
138.5441)**

Conversions

Conversions Part 1

Format	Color
Hex	F40B3A
RGB	244, 11, 58
RGB Percent	96%, 4%, 23%
CMY	0.0431, 0.9569, 0.7725
CMYK	0.00, 0.95, 0.76, 0.04
HSL	348°, 91%, 50%
HSV	348°, 95%, 96%
XYZ	38.1916, 19.7779, 5.8076
YIQ	86.0250, 123.7810, 64.0130

Conversions

Conversions Part 2

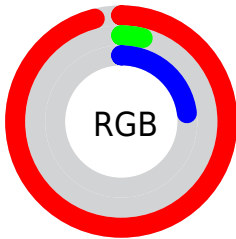
Format	Color
RYB	244, 11, 58
Decimal	15993658
CIELab	51.59, 77.65, 41.24
CIElCh	52, 87.918, 27.975
Yxy	19.7779, 0.5988, 0.3101
Android (android.graphics.Color)	4294183738 (0xFFFF40B3A)
YUV	86.0250, -13.8163, 138.5441
Hunter-Lab	44.4724, 75.4641, 23.3881

Details

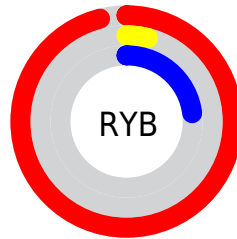
The YUV color **86.0250, -13.8163, 138.5441** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **168.9750, 13.8163, -138.5441**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1540, -19.7959, 96.3349**, and **55.0460, -19.2497, 107.8307** is the 20% darker color. If you saturate the color by 10%, you get **78.5420, -14.5642, 145.1067**, and if you desaturate by 10%, it is **102.2790, -12.4625, 124.2893**.

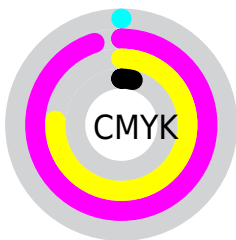
Distribution



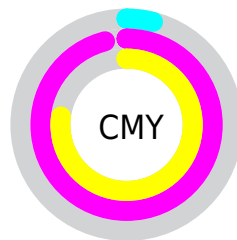
- Red (96%)
- Green (4%)
- Blue (23%)



- Red (96%)
- Yellow (4%)
- Blue (23%)



- Cyan (0%)
- Magenta (95%)
- Yellow (76%)
- Black (4%)





- Cyan (4%)
- Magenta (96%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.0250, -13.8163, 138.5441 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 86.0250, -13.8163, 138.5441 by changing the saturation by 10% instead.


 86.0250, -13.8163,
138.5441


 86.0250, -13.8163,
138.5441


255.0000, 0.0000,
0.0000

 67.1930, -15.3781,
126.1187


 145.1540,
-19.7959, 96.3349


 55.0460, -19.2497,
107.8307


 166.3150,
-17.4103, 77.7767

 43.6540, -21.5214,
89.7574


 187.4760,
-15.0247, 59.2185

 34.0150, -15.7834,
69.2698

 208.1640,
-11.9129, 41.0752

 25.2730, -10.4876,
50.6266

 228.8520, -8.8010,
22.9318

 15.4770, -6.6442,
31.1537

 249.7680, -4.8156,

 0.0000, 0.0000,

4.5885

0.0000

■ 86.0250, -13.8163,
138.5441

■ 86.0250, -13.8163,
138.5441

■ 78.5420, -14.5642,
145.1067

■ 102.2790,
-12.4625, 124.2893

■ 119.2340,
-10.9614, 109.4198

■ 135.4880, -9.6076,
95.1650

■ 152.4430, -8.1064,
80.2955

■ 168.6970, -6.7526,
66.0407

■ 185.0650, -4.9620,
51.6860

■ 201.9060, -3.8977,
36.9164

■ 218.2740, -2.1071,
22.5617

■ 235.1150, -1.0427,
7.7921

Harmonies

Analogous

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



88.6020, 21.3952, 138.0380



86.0250, -13.8163, 138.5441



111.5110, -54.9749, 86.3749

Triad

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



86.0250, -13.8163, 138.5441



90.2960, -29.7259, -79.1896



108.3150, 72.3157, -94.9923

Complementary

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



86.0250, -13.8163, 138.5441



168.9750, 13.8163, -138.5441

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.



116.1910, 66.9538, -101.8995



86.0250, -13.8163, 138.5441



103.0350, 6.3917, -90.3617

Square

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



86.0250, -13.8163, 138.5441



104.6270, -51.5811, -22.4749



112.2860, 39.2990, -98.4748



117.9140, 67.5834, -23.6036

Rectangle

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



86.0250, -13.8163, 138.5441



116.3080, -57.3398, 51.4729



112.2860, 39.2990, -98.4748



111.8370, 70.5794, -98.0810

Sweetspot

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



86.0250, -13.8163, 138.5441



204.8360, -4.3561, 43.9938



92.2790, 74.7985, 89.2093



97.4810, -2.7021, 26.7652



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.



86.0250, -13.8163, 138.5441



82.0590, -15.3121, 151.6693



119.4090, -53.4456, 109.2663



113.9300, -0.4585, 7.0774



59.9460, -10.8194, 110.5494



19.0090, -3.4554, 35.0721

Inverse Universe

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



86.0250, -13.8163, 138.5441



82.0590, -15.3121, 151.6693



135.5910, 53.4456, -109.2663



113.9300, -0.4585, 7.0774



59.9460, -10.8194, 110.5494



19.0090, -3.4554, 35.0721

Previews

White Background



This preview shows how the YUV color 86.0250, -13.8163, 138.5441 looks on a white background.

Color Contrast Check

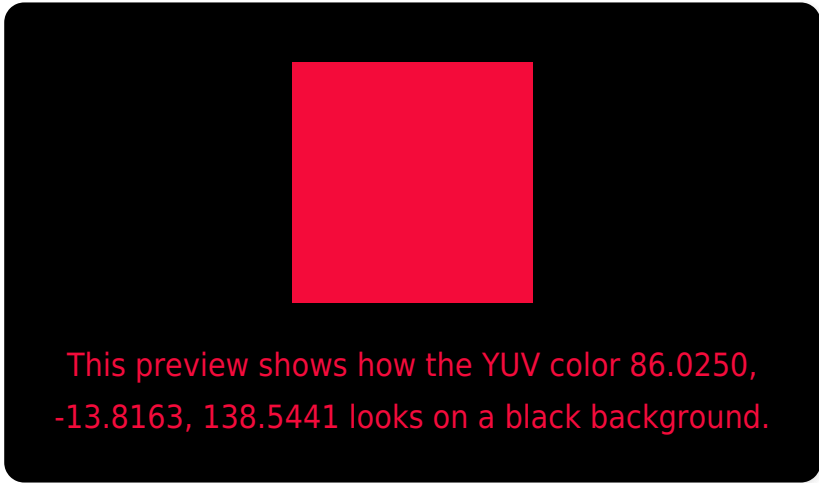
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.0250, -13.8163, 138.5441

Background



This preview shows how black text looks on a background with the YUV color 86.0250, -13.8163, 138.5441.



This preview shows how white text looks on a background with the YUV color 86.0250, -13.8163,

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

86.0250, -13.8163, 138.5441

Protanopia

122.8860, -17.1988, 9.7470

Deuteranopia

120.5130, -38.2139, 30.2451



Tritanopia

89.8570, -35.9185, 134.3064

Trichromacy



Original Color

86.0250, -13.8163, 138.5441

Protanomaly

109.5250, -16.0348, 56.5446

Deuteranomaly

107.7580, -29.4607, 69.4952

Tritanomaly

88.6320, -27.9196, 135.3807

Monochromacy



Original Color

86.0250, -13.8163, 138.5441

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0540, -4.9566, 49.9416

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0250, -13.8163, 138.5441 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(244, 11, 58)` looks like.

```
.text, #text, p{  
    color:rgb(244, 11, 58)  
}
```

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(244, 11, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 11, 58) }
```

Border

The CSS property to change the border of an element to YUV 86.0250, -13.8163, 138.5441 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(244, 11, 58) }
```


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

```
.border{ border-color:rgb(244, 11, 58) }
```

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

Here you see how a box with a 4 pixel rgb(244, 11, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 11, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 11, 58);  
box-shadow:4px 4px 4px 4px rgb(244, 11,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 86.0250, -13.8163, 138.5441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 11, 58) }
```

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

```
.background{ background-color: rgb(244, 11,  
58) }
```

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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