

Converting Colors

YUV(86.9170, -16.7211,
136.8848)

Have a look what the booklet for
YUV(86.9170, -16.7211, 136.8848)
contains.

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Color

**YUV(86.9170, -16.7211,
136.8848)**

Conversions

Conversions Part 1

Format	Color
Hex	F30E35
RGB	243, 14, 53
RGB Percent	95%, 5%, 21%
CMY	0.0471, 0.9451, 0.7922
CMYK	0.00, 0.94, 0.78, 0.05
HSL	350°, 91%, 50%
HSV	350°, 94%, 95%
XYZ	37.7618, 19.6258, 5.1661
YIQ	86.9170, 123.9650, 60.6770

Conversions

Conversions Part 2

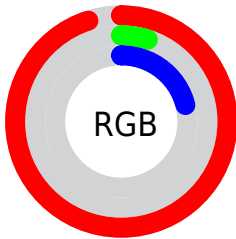
Format	Color
R_{YB}	243, 14, 53
Decimal	15928885
CIE Lab	51.41, 77.00, 43.82
CIE LCh	51, 88.601, 29.644
Yxy	19.6258, 0.6037, 0.3137
Android (android.graphics.Color)	4294118965 (0xFFFF30E35)
YUV	86.9170, -16.7211, 136.8848
Hunter-Lab	44.3010, 74.6250, 24.0968

Details

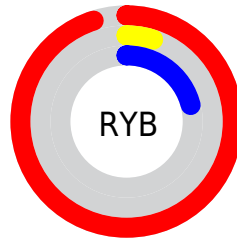
The YUV color **86.9170, -16.7211, 136.8848** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **170.0830, 16.7211, -136.8848**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1710, -22.2693, 96.3200**, and **54.0630, -21.7231, 107.8157** is the 20% darker color. If you saturate the color by 10%, you get **77.3310, -17.9112, 145.2917**, and if you desaturate by 10%, it is **103.2850, -14.9305, 122.5301**.

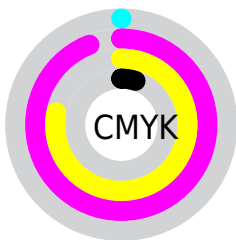
Distribution



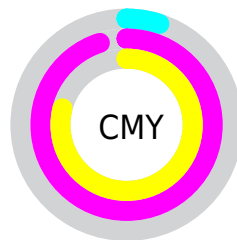
- Red (95%)
- Green (5%)
- Blue (21%)



- Red (95%)
- Yellow (5%)
- Blue (21%)



- Cyan (0%)
- Magenta (94%)
- Yellow (78%)
- Black (5%)





- Cyan (5%)
- Magenta (95%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.9170, -16.7211, 136.8848 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 86.9170, -16.7211, 136.8848 by changing the saturation by 10% instead.


 86.9170, -16.7211,
136.8848


 86.9170, -16.7211,
136.8848


255.0000, 0.0000,
0.0000

 66.3240, -17.4147,
126.0039


 145.1710,
-22.2693, 96.3200

 54.0630, -21.7231,
107.8157


 166.2180,
-20.3205, 77.8618


 43.3550, -21.3740,
89.1427


 186.7920,
-17.6455, 59.8184

 33.7160, -15.6360,
68.6551

 207.4800,
-14.5336, 41.6750

 24.9740, -10.3402,
50.0118

 228.2820,
-10.9850, 23.4317

 15.1780, -6.4968,
30.5389

 249.0840, -7.4364,

 0.0000, 0.0000,

5.1883

0.0000

■ 86.9170, -16.7211,
136.8848

■ 86.9170, -16.7211,
136.8848

■ 77.3310, -17.9112,
145.2917

■ 103.2850,
-14.9305, 122.5301

■ 120.2400,
-13.4293, 107.6605

■ 136.6080,
-11.6387, 93.3058

■ 153.0900, -9.4114,
78.8511

■ 170.0450, -7.9102,
63.9815

■ 186.4130, -6.1196,
49.6268

■ 202.7810, -4.3290,
35.2721

■ 219.1490, -2.5385,
20.9173

■ 236.1040, -1.0373,
6.0478

Harmonies

Analogous

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



88.3310, 19.0638, 139.1527



86.9170, -16.7211, 136.8848



111.7880, -55.1115, 83.5009

Triad

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



86.9170, -16.7211, 136.8848



90.8660, -27.5419, -79.6895



107.7280, 72.6051, -94.4775

Complementary

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



86.9170, -16.7211, 136.8848



170.0830, 16.7211, -136.8848

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.



116.4190, 67.8274, -102.0995



86.9170, -16.7211, 136.8848



102.7900, 7.9915, -90.1468

Square

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



86.9170, -16.7211, 136.8848



103.1210, -50.8387, -27.2931



112.1550, 41.3356, -98.3599



119.1430, 66.9775, -15.9114

Rectangle

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



86.9170, -16.7211, 136.8848



115.6990, -57.0396, 48.4990



112.1550, 41.3356, -98.3599



111.2500, 70.8688, -97.5662

Sweetspot

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



86.9170, -16.7211, 136.8848



206.5970, -5.2243, 42.4494



96.0190, 72.4616, 92.0683



98.0680, -2.9915, 26.2504



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.



86.9170, -16.7211, 136.8848



81.1470, -18.8065, 152.4691



125.3220, -54.8817, 103.2036



113.8160, -0.8953, 7.1774



59.2620, -13.4402, 111.1492



18.7810, -4.3290, 35.2721

Inverse Universe

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



86.9170, -16.7211, 136.8848



81.1470, -18.8065, 152.4691



131.6780, 54.8817, -103.2036



113.8160, -0.8953, 7.1774



59.2620, -13.4402, 111.1492



18.7810, -4.3290, 35.2721

Previews

White Background



This preview shows how the YUV color 86.9170, -16.7211, 136.8848 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



This preview shows how the YUV color 86.9170, -16.7211, 136.8848 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 86.9170, -16.7211, 136.8848

Background



This preview shows how black text looks on a background with the YUV color 86.9170, -16.7211, 136.8848.



This preview shows how white text looks on a background with the YUV color 86.9170, -16.7211,

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

86.9170, -16.7211, 136.8848

Protanopia

121.5010, -19.9670, 10.9616

Deuteranopia

119.2420, -40.5453, 31.3598



Tritanopia

88.8570, -35.9185, 134.3064

Trichromacy



Original Color

86.9170, -16.7211, 136.8848

Protanomaly

108.8410, -18.6556, 57.1444

Deuteranomaly

107.7750, -31.9341, 69.4803

Tritanomaly

87.9910, -29.0826, 135.0659

Monochromacy



Original Color

86.9170, -16.7211, 136.8848

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8260, -5.8302, 50.1416

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9170, -16.7211, 136.8848 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(243, 14, 53)` looks like.

```
.text, #text, p{  
    color:rgb(243, 14, 53)  
}
```

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(243, 14, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 14, 53) }
```

Border

The CSS property to change the border of an element to YUV 86.9170, -16.7211, 136.8848 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(243, 14, 53) }
```


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

```
.border{ border-color:rgb(243, 14, 53) }
```

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

Here you see how a box with a 4 pixel rgb(243, 14, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 14, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 14, 53);  
box-shadow:4px 4px 4px 4px rgb(243, 14,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 86.9170, -16.7211, 136.8848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 14, 53) }
```

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

```
.background{ background-color: rgb(243, 14,  
53) }
```

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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