

Converting Colors

YIQ(84.0820, 136.8020, 64.8180)

Have a look what the booklet for
YIQ(84.0820, 136.8020, 64.8180)
contains.

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Color

**YIQ(84.0820, 136.8020,
64.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	FF052B
RGB	255, 5, 43
RGB Percent	100%, 2%, 17%
CMY	0.0000, 0.9805, 0.8309
CMYK	0.00, 0.98, 0.83, 0.00
HSL	351°, 100%, 51%
HSV	351°, 98%, 100%
XYZ	41.7316, 21.5416, 4.2566
YIQ	84.0820, 136.8020, 64.8180

Conversions

Conversions Part 2

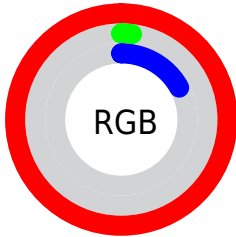
Format	Color
RYB	255, 5, 43
Decimal	16713003
CIELab	53.54, 80.30, 52.01
CIElCh	54, 95.670, 32.934
Yxy	21.5416, 0.6180, 0.3190
Android (android.graphics.Color)	4294903083 (0xFFFF052B)
YUV	84.0820, -20.2534, 149.8951
Hunter-Lab	46.4130, 79.2731, 27.0516

Details

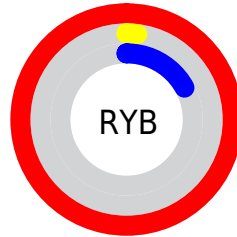
The YIQ color **84.0820, 136.8020, 64.8180** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **175.9180, -136.8020, -64.8180**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.0310, 96.1400, 30.7960**, and **56.2120, 112.0480, 39.8560** is the 20% darker color. If you saturate the color by 10%, you get **80.6910, 139.4610, 66.1890**, and if you desaturate by 10%, it is **101.2650, 122.8650, 58.5850**.

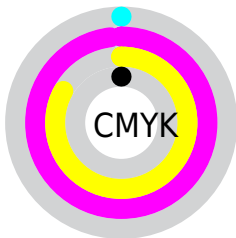
Distribution



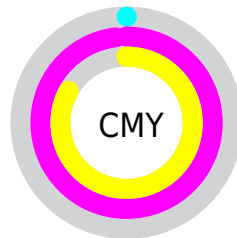
- Red (100%)
- Green (2%)
- Blue (17%)



- Red (100%)
- Yellow (2%)
- Blue (17%)



- Cyan (0%)
- Magenta (98%)
- Yellow (83%)
- Black (0%)





- Cyan (0%)
- Magenta (98%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.0820, 136.8020, 64.8180 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 YIQ color 84.0820, 136.8020, 64.8180 by changing the saturation by 10% instead.


 84.0820, 136.8020,
64.8180


 84.0820, 136.8020,
64.8180


255.0000, -0.0000,
-0.0000


 68.4730, 124.9750,
53.3830


 144.0310, 96.1400,
30.7960


 56.2120, 112.0480,
39.8560


 165.1920, 79.2690,
22.6690


 46.3450, 92.3800,
32.8600


 186.2390, 62.7190,
14.2310

 36.5920, 72.3910,
26.1750

 206.9270, 45.8020,
6.9380

 27.6650, 52.9520,
20.5360

 228.3160, 28.2890,
-0.5670

 17.8690, 34.5220,
13.1300

 249.1180, 11.0510,

 6.2790, 12.5160,

-7.5490

4.4520

254.7720, 0.6420,
-0.6220

0.0000, 0.0000,
0.0000

84.0820, 136.8020,
64.8180

84.0820, 136.8020,
64.8180

80.6910, 139.4610,
66.1890

101.2650,
122.8650, 58.5850

118.9210,
108.9740, 51.5180

136.1040, 95.0370,
45.2850

153.8740, 80.8250,
38.5290

170.9430, 67.2090,
31.9850

■ 188.7130, 52.9970,
25.2290

■ 205.7820, 39.3810,
18.6850

■ 223.5520, 25.1690,
11.9290

■ 240.7350, 11.2320,
5.6960

Harmonies

Analogous

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



90.3810, 112.1760, 92.6240



84.0820, 136.8020, 64.8180



117.6910, 101.6480, -2.9600

Triad

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



84.0820, 136.8020, 64.8180



96.4740, -56.7030, -68.2150



110.0760, -119.8050, 7.1310

Complementary

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



84.0820, 136.8020, 64.8180



175.9180, -136.8020, -64.8180

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.



120.0550, -124.4800, -1.7600



84.0820, 136.8020, 64.8180



109.1960, -87.0140, -42.0060

Square

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



84.0820, 136.8020, 64.8180



103.0330, -7.0490, -65.0090



119.2450, -113.9320, -16.7160



124.5470, -36.0470, 53.0810

Rectangle

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



84.0820, 136.8020, 64.8180



120.6940, 70.0620, -25.2500



119.2450, -113.9320, -16.7160



114.1850, -121.7300, 3.4700

Sweetspot

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



84.0820, 136.8020, 64.8180



204.3800, 40.5730, 19.1090



95.6920, 43.7180, 121.8460



97.2530, 24.5730, 11.7170



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.



84.0820, 136.8020, 64.8180



80.6910, 139.4610, 66.1890



128.4710, 126.1750, 9.5910



119.1150, 7.1060, 3.3780



60.4150, 104.5270, 49.5110



20.2760, 34.9340, 16.6780

Inverse Universe

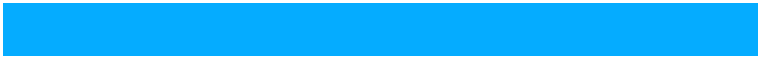
The Inverse Universe completely reimagines the original color for something new.



84.0820, 136.8020, 64.8180



80.6910, 139.4610, 66.1890



131.5290, -126.1750, -9.5910



119.1150, 7.1060, 3.3780



60.4150, 104.5270, 49.5110



20.2760, 34.9340, 16.6780

Previews

White Background



This preview shows how the YIQ color 84.0820, 136.8020, 64.8180 looks on a white background.

Color Contrast Check

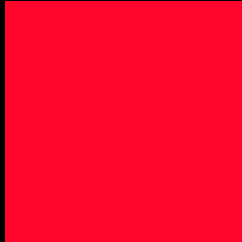
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 84.0820, 136.8020, 64.8180 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](#).

YIQ 84.0820, 136.8020, 64.8180

Background



This preview shows how black text looks on a background with the YIQ color 84.0820, 136.8020, 64.8180.



This preview shows how white text looks on a background with the YIQ color 84.0820, 136.8020,

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

84.0820, 136.8020, 64.8180

Protanopia

126.0470, 27.0080, -15.9040

Deuteranopia

122.1750, 58.4620, -24.2740



Tritanopia

89.4470, 145.0590, 41.8190

Trichromacy



Original Color

84.0820, 136.8020, 64.8180

Protanomaly

110.8650, 66.7080, 13.5240

Deuteranomaly

107.9410, 86.7450, 8.3210

Tritanomaly

87.1620, 141.8480, 50.4560

Monochromacy



Original Color

84.0820, 136.8020, 64.8180

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

83.8050, 49.7420, 23.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.0820, 136.8020, 64.8180 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(255, 5, 43)` looks like.

```
.text, #text, p{  
    color:rgb(255, 5, 43)  
}
```

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(255, 5, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 5, 43) }
```

Border

The CSS property to change the border of an element to YIQ 84.0820, 136.8020, 64.8180 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(255, 5, 43) }
```


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

```
.border{ border-color:rgb(255, 5, 43) }
```

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

Here you see how a box with a 4 pixel rgb(255, 5, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 5, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 5, 43);  
box-shadow:4px 4px 4px 4px rgb(255, 5, 43)  
}
```

Background

The CSS property to change the background color of an element to YIQ 84.0820, 136.8020, 64.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 5, 43) }
```

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

```
.background{ background-color: rgb(255, 5,  
43) }
```

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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