

Converting Colors

YIQ(85.2830, 86.9230, 38.1470)

Have a look what the booklet for
YIQ(85.2830, 86.9230, 38.1470)
contains.

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Color

**YIQ(85.2830, 86.9230,
38.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	C02536
RGB	192, 37, 54
RGB Percent	75%, 15%, 21%
CMY	0.2467, 0.8551, 0.7879
CMYK	0.00, 0.81, 0.72, 0.25
HSL	353°, 68%, 45%
HSV	353°, 81%, 75%
XYZ	23.0901, 12.8053, 4.7551
YIQ	85.2830, 86.9230, 38.1470

Conversions

Conversions Part 2

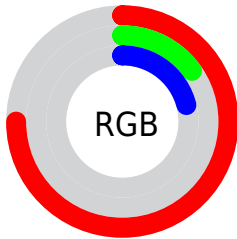
Format	Color
RYB	192, 37, 54
Decimal	12592438
CIELab	42.47, 59.97, 30.38
CIELCh	42, 67.220, 26.865
Yxy	12.8053, 0.5680, 0.3150
Android (android.graphics.Color)	4290782518 (0xFFC02536)
YUV	85.2830, -15.4225, 93.5908
Hunter-Lab	35.7845, 52.5550, 17.1706

Details

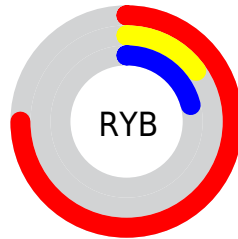
The YIQ color **85.2830, 86.9230, 38.1470** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **143.7170, -86.9230, -38.1470**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2850, 92.6090, 34.2170**, and **40.2380, 73.6280, 31.2920** is the 20% darker color. If you saturate the color by 10%, you get **72.1920, 97.6050, 42.7970**, and if you desaturate by 10%, it is **98.3740, 76.2410, 33.4970**.

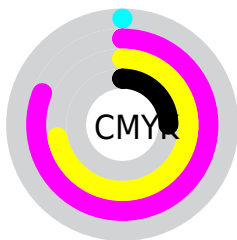
Distribution



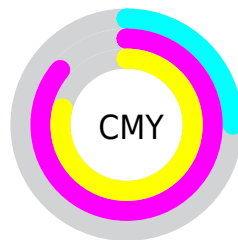
- Red (75%)
- Green (15%)
- Blue (21%)



- Red (75%)
- Yellow (15%)
- Blue (21%)



- Cyan (0%)
- Magenta (81%)
- Yellow (72%)
- Black (25%)



- Cyan (25%)
- Magenta (86%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.2830, 86.9230, 38.1470 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 85.2830, 86.9230, 38.1470 by changing the saturation by 10% instead.

■ 85.2830, 86.9230,
38.1470

■ 85.2830, 86.9230,
38.1470

255.0000, -0.0000,
-0.0000

■ 51.9010, 85.3630,
44.3950

■ 145.2850, 92.6090,
34.2170

■ 40.2380, 73.6280,
31.2920

■ 164.5710, 76.8840,
27.3480

■ 29.9000, 59.6000,
21.2000

■ 183.9710, 60.8380,
20.7900

■ 21.4570, 41.6740,
15.6740

■ 204.0720, 44.1960,
14.0200

■ 12.3730, 24.1150,
9.0030

■ 224.1730, 27.5540,
7.2500

■ 0.0000, 0.0000,
0.0000

■ 244.9750, 10.3160,

0.2680

■ 85.2830, 86.9230,
38.1470

■ 85.2830, 86.9230,
38.1470

■ 72.1920, 97.6050,
42.7970

■ 98.3740, 76.2410,
33.4970

■ 59.8020, 107.6910,
47.2350

■ 111.4650, 65.5590,
28.8470

■ 125.1430, 54.6020,
23.6740

■ 138.2340, 43.9200,
19.0240

■ 151.4390, 32.9170,
14.6850

■ 164.5300, 22.2350,
10.0350

■ 177.6210, 11.5530,
5.3850

■ 191.2990, 0.5960,
0.2120

■ 204.3900,
-10.0860, -4.4380

Harmonies

Analogous

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



81.5740, 73.9430, 64.1430



85.2830, 86.9230, 38.1470



91.9090, 80.6030, -1.5170

Triad

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



85.2830, 86.9230, 38.1470



74.2020, -43.5930, -52.4970



88.1510, -98.0270, 8.9250

Complementary

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



85.2830, 86.9230, 38.1470



143.7170, -86.9230, -38.1470

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.



92.4420, -94.9530, -2.7370



85.2830, 86.9230, 38.1470



82.8030, -63.6780, -35.4060

Square

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



85.2830, 86.9230, 38.1470



86.9840, 12.9830, -42.5770



89.7740, -81.9290, -18.5130



97.8920, -42.2330, 33.0230

Rectangle

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



85.2830, 86.9230, 38.1470



94.7010, 60.1570, -16.4430



89.7740, -81.9290, -18.5130



90.7440, -98.4390, 5.3770

Sweetspot

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



85.2830, 86.9230, 38.1470



208.7380, 33.5130, 14.8970



95.6330, 31.8970, 77.2490



100.2200, 20.1720, 8.8760



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



85.2830, 86.9230, 38.1470



82.7350, 136.1610, 59.9130



117.9780, 76.1550, 2.0030



90.1040, 5.6390, 2.4310



50.1910, 90.1780, 39.7300



10.3230, 18.3840, 8.2400

Inverse Universe

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



85.2830, 86.9230, 38.1470



82.7350, 136.1610, 59.9130



111.0220, -76.1550, -2.0030



90.1040, 5.6390, 2.4310



50.1910, 90.1780, 39.7300



10.3230, 18.3840, 8.2400

Previews

White Background



This preview shows how the YIQ color 85.2830, 86.9230, 38.1470 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 YIQ color 85.2830, 86.9230, 38.1470 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 85.2830, 86.9230, 38.1470

Background



This preview shows how black text looks on a background with the YIQ color 85.2830, 86.9230, 38.1470.



This preview shows how white text looks on a background with the YIQ color 85.2830, 86.9230,

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

85.2830, 86.9230, 38.1470

Protanopia

100.5420, 12.7930, -6.0790

Deuteranopia

99.1560, 34.2510, -9.5010



Tritanopia

85.4480, 90.5920, 32.2240

Trichromacy



Original Color

85.2830, 86.9230, 38.1470

Protanomaly

95.0990, 39.5660, 9.8220

Deuteranomaly

94.3470, 53.3670, 7.5030

Tritanomaly

85.4310, 89.2620, 34.3020

Monochromacy



Original Color

85.2830, 86.9230, 38.1470

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.4280, 31.4500, 13.7380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.2830, 86.9230, 38.1470 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(192, 37, 54)` looks like.

```
.text, #text, p{  
    color:rgb(192, 37, 54)  
}
```

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(192, 37, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 37, 54) }
```

Border

The CSS property to change the border of an element to YIQ 85.2830, 86.9230, 38.1470 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(192, 37, 54) }
```


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

```
.border{ border-color:rgb(192, 37, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 37, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 37, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 37, 54);  
box-shadow:4px 4px 4px 4px rgb(192, 37,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 85.2830, 86.9230, 38.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 37, 54) }
```

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

```
.background{ background-color: rgb(192, 37,  
54) }
```

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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