

Converting Colors

YIQ(85.0870, 102.8750, 57.4270)

Have a look what the booklet for
YIQ(85.0870, 102.8750, 57.4270)
contains.

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Color

**YIQ(85.0870, 102.8750,
57.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	DB1445
RGB	219, 20, 69
RGB Percent	86%, 8%, 27%
CMY	0.1407, 0.9218, 0.7290
CMYK	0.00, 0.91, 0.68, 0.14
HSL	345°, 83%, 47%
HSV	345°, 91%, 86%
XYZ	30.5779, 16.0082, 7.1239
YIQ	85.0870, 102.8750, 57.4270

Conversions

Conversions Part 2

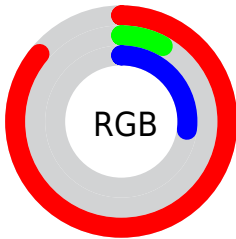
Format	Color
RYB	219, 20, 69
Decimal	14357573
CIELab	46.99, 71.12, 28.01
CIElCh	47, 76.432, 21.494
Yxy	16.0082, 0.5693, 0.2980
Android (android.graphics.Color)	4292547653 (0xFFDB1445)
YUV	85.0870, -7.9309, 117.4417
Hunter-Lab	40.0103, 66.4008, 17.4506

Details

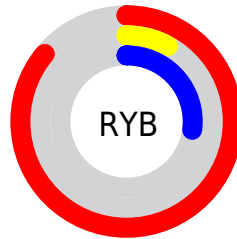
The YIQ color **85.0870, 102.8750, 57.4270** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **153.9130, -102.8750, -57.4270**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3480, 88.2980, 40.7620**, and **49.4230, 83.7130, 41.2570** is the 20% darker color. If you saturate the color by 10%, you get **71.6370, 113.1900, 63.2220**, and if you desaturate by 10%, it is **99.9390, 91.3680, 51.2080**.

Distribution



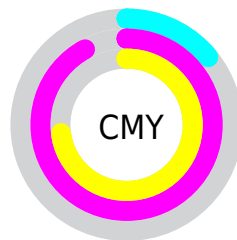
- Red (86%)
- Green (8%)
- Blue (27%)



- Red (86%)
- Yellow (8%)
- Blue (27%)



- Cyan (0%)
- Magenta (91%)
- Yellow (68%)
- Black (14%)





- Cyan (14%)
- Magenta (92%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.0870, 102.8750, 57.4270 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 85.0870, 102.8750, 57.4270 by changing the saturation by 10% instead.


 85.0870, 102.8750,
57.4270


 85.0870, 102.8750,
57.4270


255.0000, -0.0000,
-0.0000


 61.2710, 96.3650,
54.2610


 145.3480, 88.2980,
40.7620


 49.7220, 84.3090,
41.4690


 165.9220, 71.7020,
33.1580


 37.4890, 74.1790,
26.8110


 185.9090, 55.3810,
26.0770

 28.0350, 54.7860,
20.3380

 206.5970, 38.4640,
18.7840

 19.4780, 37.1810,
14.5010

 227.3990, 21.2260,
11.8020

 8.4860, 16.3670,
6.2470

 248.3150, 3.6670,

 0.0000, 0.0000,

5.1310

0.0000

■ 85.0870, 102.8750,
57.4270

■ 85.0870, 102.8750,
57.4270

■ 71.6370, 113.1900,
63.2220

■ 99.9390, 91.3680,
51.2080


■ 114.6770, 80.1820,
44.6780


■ 129.5290, 68.6750,
38.4590

■ 144.2670, 57.4890,
31.9290

■ 159.1190, 45.9820,
25.7100

■ 173.2700, 35.0710,
19.7030

 188.1220, 23.5640,
13.4840

 202.8600, 12.3780,
6.9540

 217.7120, 0.8710,
0.7350

Harmonies

Analogous

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



82.9580, 82.3300, 82.8580



85.0870, 102.8750, 57.4270



99.3950, 96.9700, 4.7300

Triad

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



85.0870, 102.8750, 57.4270



78.9660, -40.4730, -64.9930



100.7350, -111.4150, 9.2650

Complementary

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



85.0870, 102.8750, 57.4270



153.9130, -102.8750, -57.4270

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.



104.0000, -105.4520, -5.1960



85.0870, 102.8750, 57.4270



90.6790, -66.5650, -43.6610

Square

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



85.0870, 102.8750, 57.4270



99.1220, 21.2820, -44.3020



98.9040, -88.3470, -23.3470



99.2820, -78.6820, 27.2860

Rectangle

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



85.0870, 102.8750, 57.4270



104.5240, 73.9570, -13.2350



98.9040, -88.3470, -23.3470



103.1000, -111.1850, 5.0950

Sweetspot

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



85.0870, 102.8750, 57.4270



208.5690, 35.6670, 19.9150



87.2370, 24.9250, 93.4770



100.3990, 21.2260, 11.8020



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.



85.0870, 102.8750, 57.4270



83.4270, 131.7570, 73.6530



108.8510, 104.8540, 16.0380



102.5170, 5.9140, 2.9540



56.6290, 89.3050, 50.0490



15.0080, 23.8850, 13.1730

Inverse Universe

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



85.0870, 102.8750, 57.4270



83.4270, 131.7570, 73.6530



130.1490, -104.8540, -16.0380



102.5170, 5.9140, 2.9540



56.6290, 89.3050, 50.0490



15.0080, 23.8850, 13.1730

Previews

White Background



This preview shows how the YIQ color 85.0870, 102.8750, 57.4270 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 85.0870, 102.8750, 57.4270 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 85.0870, 102.8750, 57.4270

Background



This preview shows how black text looks on a background with the YIQ color 85.0870, 102.8750, 57.4270.



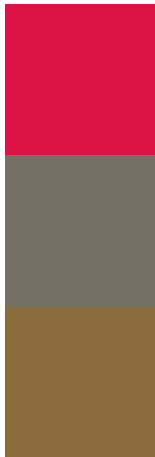
This preview shows how white text looks on a background with the YIQ color 85.0870, 102.8750,

57.4270.

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

85.0870, 102.8750, 57.4270

Protanopia

112.2410, 6.5110, -2.3610

Deuteranopia

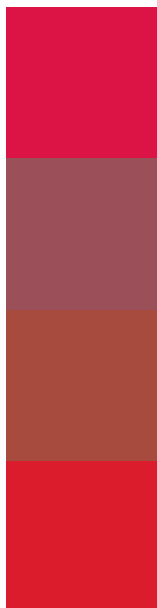
110.7970, 33.8840, -8.3560



Tritanopia

87.9730, 111.2230, 38.2870

Trichromacy



Original Color

85.0870, 102.8750, 57.4270

Protanomaly

102.5650, 41.4900, 19.0100

Deuteranomaly

101.4390, 59.2800, 15.9840

Tritanomaly

86.6340, 108.1040, 45.2560

Monochromacy



Original Color

85.0870, 102.8750, 57.4270

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.8790, 37.7300, 21.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.0870, 102.8750, 57.4270 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(219, 20, 69)` looks like.

```
.text, #text, p{  
    color:rgb(219, 20, 69)  
}
```

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(219, 20, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 20, 69) }
```

Border

The CSS property to change the border of an element to YIQ 85.0870, 102.8750, 57.4270 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(219, 20, 69) }
```


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

```
.border{ border-color:rgb(219, 20, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 20, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 20, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 20, 69);  
box-shadow:4px 4px 4px 4px rgb(219, 20,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 85.0870, 102.8750, 57.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 20, 69) }
```

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

```
.background{ background-color: rgb(219, 20,  
69) }
```

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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