

Converting Colors

YIQ(88.1830, 101.8240, 37.9200)

Have a look what the booklet for
YIQ(88.1830, 101.8240, 37.9200)
contains.

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Color

**YIQ(88.1830, 101.8240,
37.9200)**

Conversions

Conversions Part 1	
Format	Color
Hex	D12428
RGB	209, 36, 40
RGB Percent	82%, 14%, 16%
CMY	0.1800, 0.8590, 0.8427
CMYK	0.00, 0.83, 0.81, 0.18
HSL	359°, 71%, 48%
HSV	359°, 83%, 82%
XYZ	27.3378, 14.9820, 3.4676
YIQ	88.1830, 101.8240, 37.9200

Conversions

Conversions Part 2

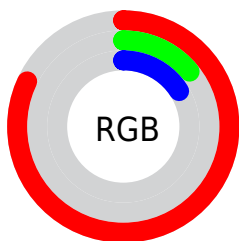
Format	Color
RYB	209, 36, 40
Decimal	13706280
CIELab	45.61, 64.49, 42.83
CIELCh	46, 77.417, 33.588
Yxy	14.9820, 0.5971, 0.3272
Android (android.graphics.Color)	4291896360 (0xFFD12428)
YUV	88.1830, -23.7542, 105.9565
Hunter-Lab	38.7066, 58.3352, 21.7830

Details

The YIQ color **88.1830, 101.8240, 37.9200** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **156.8170, -101.8240, -37.9200**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.7490, 96.8740, 28.5060**, and **43.6540, 87.0160, 30.9520** is the 20% darker color. If you saturate the color by 10%, you get **73.5760, 114.0190, 42.6830**, and if you desaturate by 10%, it is **102.9040, 89.3080, 33.4680**.

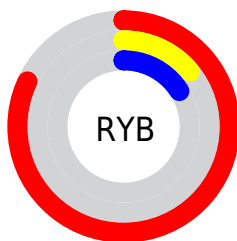
Distribution



Red (82%)

Green (14%)

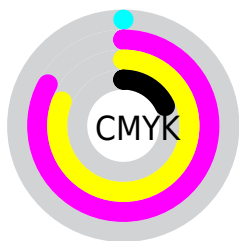
Blue (16%)



Red (82%)

Yellow (14%)

Blue (16%)

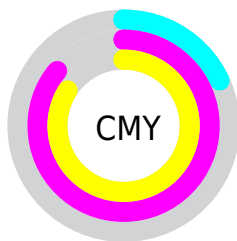


Cyan (0%)

Magenta (83%)

Yellow (81%)

Black (18%)



Cyan (18%)

Magenta (86%)


Yellow (84%)


Brightness & Saturation

Gradients


These gradients show how the YIQ color 88.1830, 101.8240, 37.9200 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 88.1830, 101.8240, 37.9200 by changing the saturation by 10% instead.


 88.1830, 101.8240,
37.9200


 88.1830, 101.8240,
37.9200


255.0000, -0.0000,
-0.0000


 54.9750, 99.7140,
43.1220


 144.8630, 96.5530,
28.8170


 43.6540, 87.0160,
30.9520


 164.6220, 80.8740,
21.1140


 34.0860, 67.9440,
24.1680


 184.0220, 64.8280,
14.5560

 24.9310, 49.1470,
17.9070

 204.1230, 48.1860,
7.7860

 16.3740, 31.5420,
12.0700

 224.8110, 31.2690,
0.4930

 1.7940, 3.5760,
1.2720

 245.0260, 14.3060,

 0.0000, 0.0000,

-5.9660

0.0000

254.0880, 2.5680,
-2.4880

88.1830, 101.8240,
37.9200

88.1830, 101.8240,
37.9200

73.5760, 114.0190,
42.6830

102.9040, 89.3080,
33.4680

63.0610, 122.9590,
45.8630

117.5110, 77.1130,
28.7050

132.1180, 64.9180,
23.9420

146.8390, 52.4020,
19.4900

160.8590, 40.4820,
15.2500

■ 175.5800, 27.9660,
10.7980

■ 190.1870, 15.7710,
6.0350

■ 204.7940, 3.5760,
1.2720

■ 219.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



76.6250, 96.2690, 78.0370



88.1830, 101.8240, 37.9200



100.1710, 82.6210, -5.0510

Triad

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



88.1830, 101.8240, 37.9200



82.0270, -50.4700, -54.5180



94.7510, -108.3440, 14.1840

Complementary

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



88.1830, 101.8240, 37.9200



156.8170, -101.8240, -37.9200

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.



101.3730, -107.7000, 2.5080



88.1830, 101.8240, 37.9200



91.6540, -73.4440, -34.6280

Square

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



88.1830, 101.8240, 37.9200



88.9340, -1.9160, -53.4040



99.0640, -94.3090, -14.4130



108.2240, -28.0680, 46.1400

Rectangle

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



88.1830, 101.8240, 37.9200



102.3430, 58.0490, -22.2950



99.0640, -94.3090, -14.4130



98.2730, -109.9940, 11.0460

Sweetspot

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



88.1830, 101.8240, 37.9200



210.3640, 37.5020, 14.1900



105.6550, 43.9990, 89.2070



100.7750, 22.9230, 8.5790



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.



88.1830, 101.8240, 37.9200



79.0320, 148.2660, 55.2900



135.2740, 80.8330, -5.6870



97.2890, 6.5560, 2.3320



50.6880, 98.8440, 36.8600



12.3730, 24.1150, 9.0030

Inverse Universe

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



88.1830, 101.8240, 37.9200



79.0320, 148.2660, 55.2900



109.7260, -80.8330, 5.6870



97.2890, 6.5560, 2.3320



50.6880, 98.8440, 36.8600



12.3730, 24.1150, 9.0030

Previews

White Background



This preview shows how the YIQ color 88.1830, 101.8240, 37.9200 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 88.1830, 101.8240, 37.9200 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 88.1830, 101.8240, 37.9200

Background



This preview shows how black text looks on a background with the YIQ color 88.1830, 101.8240, 37.9200.



This preview shows how white text looks on a background with the YIQ color 88.1830, 101.8240,

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

88.1830, 101.8240, 37.9200

Protanopia

106.7030, 22.2850, -12.9070

Deuteranopia

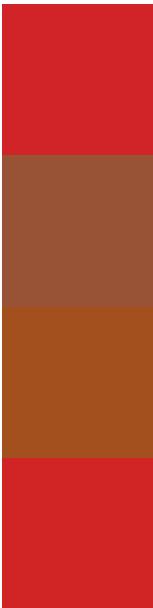
104.1600, 45.6230, -17.3610



Tritanopia

88.2000, 103.1540, 35.8420

Trichromacy



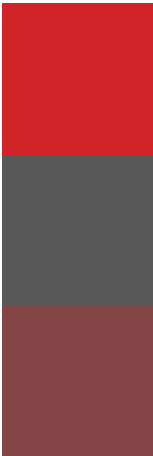
Original Color
88.1830, 101.8240, 37.9200

Protanomaly
99.6240, 51.0290, 5.8210

Deuteranomaly
98.5300, 65.7930, 2.5690

Tritanomaly
88.4280, 102.5120, 36.4640

Monochromacy



Original Color
88.1830, 101.8240, 37.9200

Achromatopsia
88.0000, -0.0000, -0.0000

Achromatomaly
88.0650, 36.9060, 13.9780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.1830, 101.8240, 37.9200 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(209, 36, 40)` looks like.

```
.text, #text, p{  
    color:rgb(209, 36, 40)  
}
```

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(209, 36, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 36, 40) }
```

Border

The CSS property to change the border of an element to YIQ 88.1830, 101.8240, 37.9200 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(209, 36, 40) }
```


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

```
.border{ border-color:rgb(209, 36, 40) }
```

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

Here you see how a box with a 4 pixel rgb(209, 36, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 36, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 36, 40);  
box-shadow:4px 4px 4px 4px rgb(209, 36,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 88.1830, 101.8240, 37.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 36, 40) }
```

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

```
.background{ background-color: rgb(209, 36,  
40) }
```

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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