

Converting Colors

YIQ(99.8710, 84.9070, 30.6270)

Have a look what the booklet for
YIQ(99.8710, 84.9070, 30.6270)
contains.

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Color

**YIQ(99.8710, 84.9070,
30.6270)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C8393A |
| RGB | 200, 57, 58 |
| RGB Percent | 78%, 22%, 23% |
| CMY | 0.2153, 0.7767, 0.7722 |
| CMYK | 0.00, 0.72, 0.71, 0.22 |
| HSL | 360°, 57%, 50% |
| HSV | 360°, 72%, 78% |
| XYZ | 26.0687, 15.5180, 5.6357 |
| YIQ | 99.8710, 84.9070, 30.6270 |

Conversions

Conversions Part 2

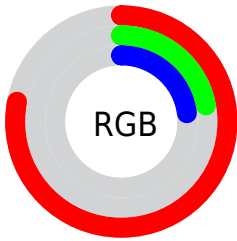
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 200, 57, 58 |
| Decimal | 13121850 |
| CIE Lab | 46.34, 56.17, 32.94 |
| CIE LCh | 46, 65.118, 30.388 |
| Yxy | 15.5180, 0.5520, 0.3286 |
| Android (android.graphics.Color) | 4291311930 (0xFFC8393A) |
| YUV | 99.8710, -20.6424, 87.8131 |
| Hunter-Lab | 39.3929, 49.1868, 19.0927 |

Details

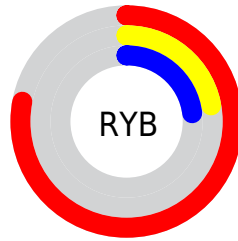
The YIQ color **99.8710, 84.9070, 30.6270** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **157.1290, -84.9070, -30.6270**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.5460, 87.2000, 27.6160**, and **43.0860, 77.1120, 34.2320** is the 20% darker color. If you saturate the color by 10%, you get **85.8510, 96.8270, 34.8670**, and if you desaturate by 10%, it is **113.8910, 72.9870, 26.3870**.

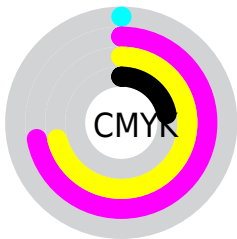
Distribution



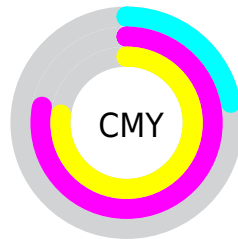
- Red (78%)
- Green (22%)
- Blue (23%)



- Red (78%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (72%)
- Yellow (71%)
- Black (22%)





- Cyan (22%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.8710, 84.9070, 30.6270 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 99.8710, 84.9070, 30.6270 by changing the saturation by 10% instead.


 99.8710, 84.9070,
30.6270

 99.8710, 84.9070,
30.6270


255.0000, -0.0000,
-0.0000


 68.1360, 82.8430,
34.9950


 154.6600, 86.8790,
27.9270


 43.0860, 77.1120,
34.2320


 173.9460, 71.1540,
21.0580


 32.2920, 64.3680,
22.8960

 193.3460, 55.1080,
14.5000

 23.3220, 46.4880,
16.5360

 213.4470, 38.4660,
7.7300

 15.1780, 29.1580,
11.2220

 233.6620, 21.5030,
1.2710

 0.0000, 0.0000,
0.0000

 253.2900, 4.8150,

-4.6650

■ 99.8710, 84.9070,
30.6270

■ 99.8710, 84.9070,
30.6270

■ 85.8510, 96.8270,
34.8670

■ 113.8910, 72.9870,
26.3870

■ 71.8310, 108.7470,
39.1070

■ 127.9110, 61.0670,
22.1470

■ 60.0280, 118.5580,
43.0220

■ 141.9310, 49.1470,
17.9070

■ 155.8370, 37.5480,
13.3560

■ 169.8570, 25.6280,
9.1160

■ 183.8770, 13.7080,
4.8760

■ 197.8970, 1.7880,
0.6360

■ 211.9170,
-10.1320, -3.6040

■ 225.9370,
-22.0520, -7.8440

Harmonies

Analogous

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



98.7060, 73.2110, 55.3790



99.8710, 84.9070, 30.6270



101.9210, 80.3290, -7.5670

Triad

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



99.8710, 84.9070, 30.6270



82.2380, -52.4420, -51.8180



93.7590, -102.7950, 7.2290

Complementary

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



99.8710, 84.9070, 30.6270



157.1290, -84.9070, -30.6270

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.



99.0930, -101.2800, -3.7120



99.8710, 84.9070, 30.6270



90.4970, -71.5640, -35.6600

Square

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



99.8710, 84.9070, 30.6270



94.6370, 12.3420, -47.4820



96.7670, -89.2190, -18.5550



110.5300, -29.3500, 36.3300

Rectangle

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



99.8710, 84.9070, 30.6270



103.5390, 60.4330, -21.4470



96.7670, -89.2190, -18.5550



96.4660, -103.5280, 3.9920

Sweetspot

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



99.8710, 84.9070, 30.6270



217.2600, 31.8630, 11.7590



115.4610, 38.1330, 74.3650



105.5680, 19.0720, 6.7840



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.



99.8710, 84.9070, 30.6270



101.5950, 130.2030, 46.7390



140.2600, 66.2530, -5.7710



92.6910, 5.3640, 1.9080



48.8510, 96.8270, 34.8670



10.7640, 21.4560, 7.6320

Inverse Universe

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



99.8710, 84.9070, 30.6270



101.5950, 130.2030, 46.7390



116.7400, -66.2530, 5.7710



92.6910, 5.3640, 1.9080



48.8510, 96.8270, 34.8670



10.7640, 21.4560, 7.6320

Previews

White Background



This preview shows how the YIQ color 99.8710, 84.9070, 30.6270 looks on a white background.

Color Contrast Check

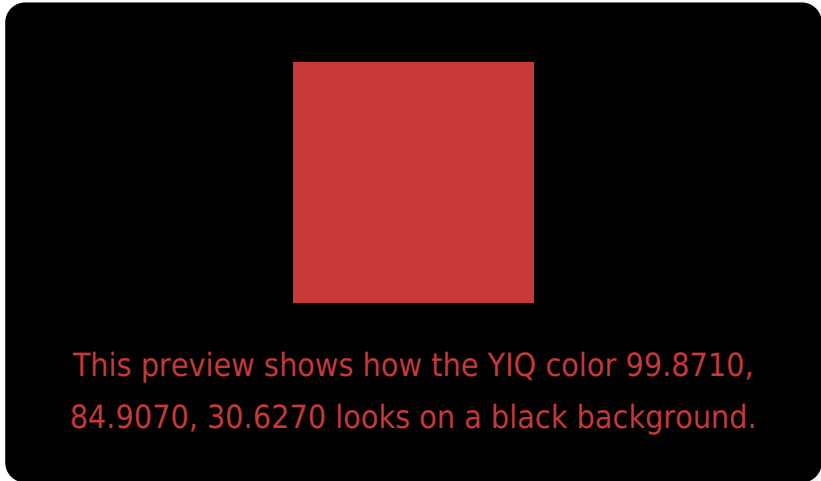
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 99.8710, 84.9070, 30.6270

Background



This preview shows how black text looks on a background with the YIQ color 99.8710, 84.9070, 30.6270.



This preview shows how white text looks on a background with the YIQ color 99.8710, 84.9070,

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

99.8710, 84.9070, 30.6270

Protanopia

108.9290, 15.9570, -8.3550

Deuteranopia

108.2980, 36.7270, -10.3210



Tritanopia

99.9850, 84.5860, 30.9380

Trichromacy



Original Color

99.8710, 84.9070, 30.6270

Protanomaly

105.6490, 40.7130, 5.5530

Deuteranomaly

105.5380, 54.1470, 4.3790

Tritanomaly

99.9850, 84.5860, 30.9380

Monochromacy



Original Color

99.8710, 84.9070, 30.6270

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.6620, 30.6710, 11.3350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.8710, 84.9070, 30.6270 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(200, 57, 58)` looks like.

```
.text, #text, p{  
    color:rgb(200, 57, 58)  
}
```

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(200, 57, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 57, 58) }
```

Border

The CSS property to change the border of an element to YIQ 99.8710, 84.9070, 30.6270 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(200, 57, 58) }
```


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

```
.border{ border-color:rgb(200, 57, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 57, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 57, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 57, 58);  
box-shadow:4px 4px 4px 4px rgb(200, 57,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 99.8710, 84.9070, 30.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 57, 58) }
```

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

```
.background{ background-color: rgb(200, 57,  
58) }
```

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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