

Converting Colors

YIQ(99.6700, 80.9190, 25.8070)

Have a look what the booklet for
YIQ(99.6700, 80.9190, 25.8070)
contains.

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Color

**YIQ(99.6700, 80.9190,
25.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	C13D36
RGB	193, 61, 54
RGB Percent	76%, 24%, 21%
CMY	0.2428, 0.7610, 0.7879
CMYK	0.00, 0.68, 0.72, 0.24
HSL	3°, 56%, 48%
HSV	3°, 72%, 76%
XYZ	24.3461, 14.9465, 5.1021
YIQ	99.6700, 80.9190, 25.8070

Conversions

Conversions Part 2

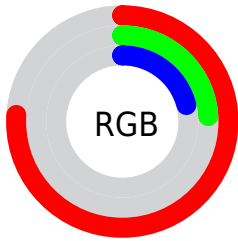
Format	Color
RYB	193, 61, 54
Decimal	12664118
CIELab	45.56, 52.19, 34.04
CIElCh	46, 62.310, 33.109
Yxy	14.9465, 0.5484, 0.3367
Android (android.graphics.Color)	4290854198 (0xFFC13D36)
YUV	99.6700, -22.5153, 81.8504
Hunter-Lab	38.6607, 44.7516, 19.2380

Details

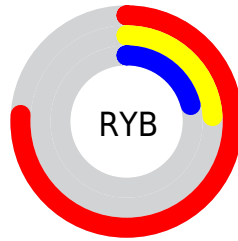
The YIQ color **99.6700, 80.9190, 25.8070** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **147.3300, -80.9190, -25.8070**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.8510, 87.6590, 24.8030**, and **40.7220, 75.1410, 31.4050** is the 20% darker color. If you saturate the color by 10%, you get **86.9380, 91.9680, 29.3120**, and if you desaturate by 10%, it is **112.4020, 69.8700, 22.3020**.

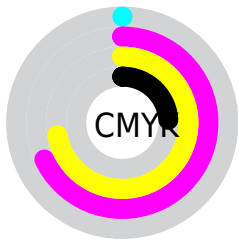
Distribution



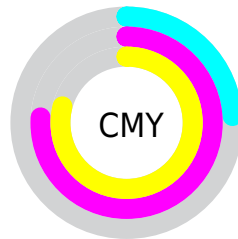
- Red (76%)
- Green (24%)
- Blue (21%)



- Red (76%)
- Yellow (24%)
- Blue (21%)



- Cyan (0%)
- Magenta (68%)
- Yellow (72%)
- Black (24%)





- Cyan (24%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.6700, 80.9190, 25.8070 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 99.6700, 80.9190, 25.8070 by changing the saturation by 10% instead.


 99.6700, 80.9190,
25.8070


 99.6700, 80.9190,
25.8070


255.0000, -0.0000,
-0.0000


 70.2830, 77.7550,
28.0830


 155.8510, 87.6590,
24.8030


 40.7220, 75.1410,
31.4050


 174.6640, 71.8880,
18.7680


 30.4980, 60.7920,
21.6240


 194.0640, 55.8420,
12.2100

 21.8270, 43.5080,
15.4760

 214.0510, 39.5210,
5.1290

 13.5690, 26.4990,
9.8510

 234.2660, 22.5580,
-1.3300

 0.0000, 0.0000,
0.0000

 252.7200, 6.4200,

-6.2200

■ 99.6700, 80.9190,
25.8070

■ 99.6700, 80.9190,
25.8070

■ 86.9380, 91.9680,
29.3120

■ 112.4020, 69.8700,
22.3020

■ 73.5050, 103.6130,
33.0290

■ 125.8350, 58.2250,
18.5850

■ 63.5770, 112.2780,
35.6860

■ 138.5670, 47.1760,
15.0800

■ 151.2990, 36.1270,
11.5750

■ 164.7320, 24.4820,
7.8580

■ 177.4640, 13.4330,
4.3530

■ 190.1960, 2.3840,
0.8480

■ 203.6290, -9.2610,
-2.8690

■ 216.3610,
-20.3100, -6.3740

Harmonies

Analogous

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



98.1740, 71.6530, 50.5730



99.6700, 80.9190, 25.8070



101.0020, 75.6070, -10.0970

Triad

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



99.6700, 80.9190, 25.8070



81.6340, -53.4970, -49.2170



90.6130, -99.4480, 7.1440

Complementary

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



99.6700, 80.9190, 25.8070



147.3300, -80.9190, -25.8070

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.



96.2890, -98.8960, -2.8640



99.6700, 80.9190, 25.8070



89.6650, -71.9770, -33.6810

Square

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



99.6700, 80.9190, 25.8070



92.5550, 9.6370, -48.0190



95.0060, -88.3940, -16.9860



109.2490, -21.1890, 37.1070

Rectangle

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



99.6700, 80.9190, 25.8070



101.4460, 56.2610, -22.9310



95.0060, -88.3940, -16.9860



93.4340, -100.5020, 4.2180

Sweetspot

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



99.6700, 80.9190, 25.8070



213.2060, 31.9550, 10.0910



110.8370, 39.8300, 71.1420



103.0410, 19.1180, 5.9500



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.



99.6700, 80.9190, 25.8070



105.7420, 125.1150, 39.8270



138.9990, 62.4940, -9.2340



90.5770, 5.6850, 1.5970



52.8350, 93.7560, 29.9480



11.0410, 19.1180, 5.9500

Inverse Universe

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



147.3300, -80.9190, -25.8070



179.2580, -125.1150, -39.8270



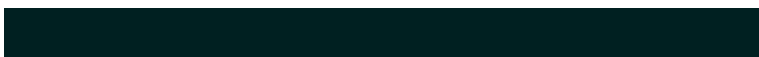
108.0010, -62.4940, 9.2340



93.4230, -5.6850, -1.5970



108.1650, -93.7560, -29.9480



22.5460, -19.3930, -6.4730

Previews

White Background



This preview shows how the YIQ color 99.6700, 80.9190, 25.8070 looks on a white background.

Color Contrast Check

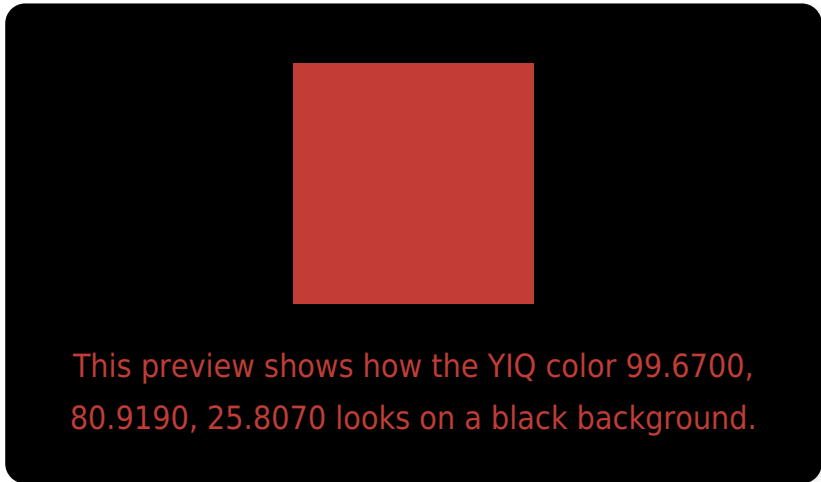
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.6700, 80.9190, 25.8070

Background



This preview shows how black text looks on a background with the YIQ color 99.6700, 80.9190, 25.8070.



This preview shows how white text looks on a background with the YIQ color 99.6700, 80.9190,

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

99.6700, 80.9190, 25.8070

Protanopia

107.2450, 17.8830, -10.2210

Deuteranopia

106.0700, 37.3690, -10.9430



Tritanopia

100.1090, 78.3050, 29.1290

Trichromacy



Original Color

99.6700, 80.9190, 25.8070

Protanomaly

104.6550, 40.5760, 2.5280

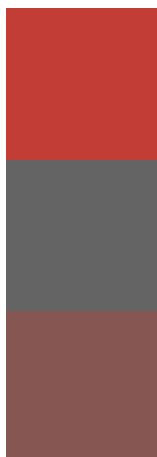
Deuteranomaly

103.8860, 53.0470, 2.2870

Tritanomaly

99.7670, 79.2680, 28.1960

Monochromacy



Original Color

99.6700, 80.9190, 25.8070

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.0100, 29.5710, 9.2430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.6700, 80.9190, 25.8070 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(193, 61, 54)` looks like.

```
.text, #text, p{  
    color:rgb(193, 61, 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(193, 61, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 61, 54) }
```

Border

The CSS property to change the border of an element to YIQ 99.6700, 80.9190, 25.8070 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(193, 61, 54) }
```


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

```
.border{ border-color:rgb(193, 61, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 61, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 61, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 61, 54);  
box-shadow:4px 4px 4px 4px rgb(193, 61,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 99.6700, 80.9190, 25.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 61, 54) }
```

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

```
.background{ background-color: rgb(193, 61,  
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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