

Converting Colors

YIQ(96.1810, 86.9700, 31.7860)

Have a look what the booklet for
YIQ(96.1810, 86.9700, 31.7860)
contains.

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Color

**YIQ(96.1810, 86.9700,
31.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	C73436
RGB	199, 52, 54
RGB Percent	78%, 20%, 21%
CMY	0.2193, 0.7963, 0.7879
CMYK	0.00, 0.74, 0.73, 0.22
HSL	359°, 59%, 49%
HSV	359°, 74%, 78%
XYZ	25.4701, 14.8720, 5.0290
YIQ	96.1810, 86.9700, 31.7860

Conversions

Conversions Part 2

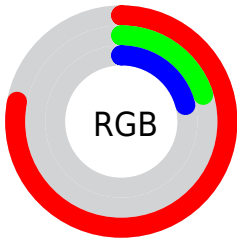
Format	Color
RYB	199, 52, 54
Decimal	13055030
CIELab	45.46, 57.45, 34.20
CIElCh	45, 66.860, 30.770
Yxy	14.8720, 0.5614, 0.3278
Android (android.graphics.Color)	4291245110 (0xFFC73436)
YUV	96.1810, -20.7952, 90.1723
Hunter-Lab	38.5642, 50.4046, 19.2632

Details

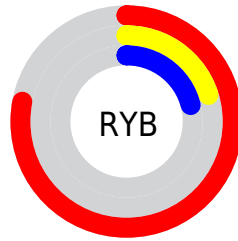
The YIQ color **96.1810, 86.9700, 31.7860** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **154.8190, -86.9700, -31.7860**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.7420, 89.5840, 28.4640**, and **42.2170, 78.1210, 32.4650** is the 20% darker color. If you saturate the color by 10%, you get **82.1610, 98.8900, 36.0260**, and if you desaturate by 10%, it is **110.2010, 75.0500, 27.5460**.

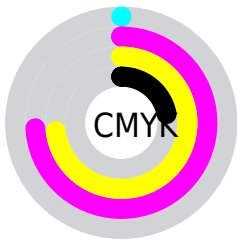
Distribution



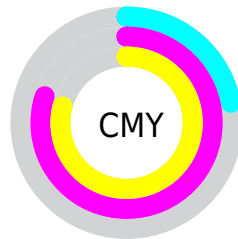
- Red (78%)
- Green (20%)
- Blue (21%)



- Red (78%)
- Yellow (20%)
- Blue (21%)



- Cyan (0%)
- Magenta (74%)
- Yellow (73%)
- Black (22%)





- Cyan (22%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.1810, 86.9700, 31.7860 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 96.1810, 86.9700, 31.7860 by changing the saturation by 10% instead.


 96.1810, 86.9700,
31.7860


 96.1810, 86.9700,
31.7860


255.0000, -0.0000,
-0.0000


 62.0980, 86.0060,
38.2460


 151.7420, 89.5840,
28.4640


 42.2170, 78.1210,
32.4650


 171.0280, 73.8590,
21.5950


 31.9930, 63.7720,
22.6840

 190.4280, 57.8130,
15.0370

 23.1370, 45.5710,
16.6350

 210.5290, 41.1710,
8.2670

 14.5800, 27.9660,
10.7980

 230.7440, 24.2080,
1.8080

 0.0000, 0.0000,
0.0000

 251.5460, 6.9700,

-5.1740

■ 96.1810, 86.9700,
31.7860

■ 96.1810, 86.9700,
31.7860

■ 82.1610, 98.8900,
36.0260

■ 110.2010, 75.0500,
27.5460

■ 68.2550, 110.4890,
40.5770

■ 124.1070, 63.4510,
22.9950

■ 59.8430, 117.6410,
43.1210

■ 138.1270, 51.5310,
18.7550

■ 152.1470, 39.6110,
14.5150

■ 165.4660, 28.2870,
10.4870

■ 179.4860, 16.3670,
6.2470

■ 193.3920, 4.7680,
1.6960

■ 207.4120, -7.1520,
-2.5440

■ 221.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



93.3690, 75.7780, 58.4180



96.1810, 86.9700, 31.7860



100.1490, 79.6870, -6.9450

Triad

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



96.1810, 86.9700, 31.7860



80.6080, -50.6080, -52.0160



92.1120, -102.2910, 9.1090

Complementary

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



96.1810, 86.9700, 31.7860



154.8190, -86.9700, -31.7860

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.



97.9190, -100.7300, -2.6660



96.1810, 86.9700, 31.7860



89.2090, -70.6930, -34.9250

Square

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



96.1810, 86.9700, 31.7860



92.2670, 10.5080, -47.2840



95.5930, -88.6690, -17.5090



108.1710, -29.7170, 37.4750

Rectangle

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



96.1810, 86.9700, 31.7860



101.4680, 59.1950, -21.0370



95.5930, -88.6690, -17.5090



95.4060, -103.2990, 5.3490

Sweetspot

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



96.1810, 86.9700, 31.7860



215.8580, 33.0550, 12.1830



112.1130, 39.2330, 76.4570



104.2800, 19.9430, 7.5190



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.



96.1810, 86.9700, 31.7860



96.2150, 134.3290, 49.0570



137.6300, 68.0870, -5.9690



92.6910, 5.3640, 1.9080



48.9650, 96.5060, 35.1780



10.8780, 21.1350, 7.9430

Inverse Universe

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



96.1810, 86.9700, 31.7860



96.2150, 134.3290, 49.0570



113.3700, -68.0870, 5.9690



92.6910, 5.3640, 1.9080



48.9650, 96.5060, 35.1780



10.8780, 21.1350, 7.9430

Previews

White Background



This preview shows how the YIQ color 96.1810, 86.9700, 31.7860 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 96.1810, 86.9700, 31.7860 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 96.1810, 86.9700, 31.7860

Background



This preview shows how black text looks on a background with the YIQ color 96.1810, 86.9700, 31.7860.



This preview shows how white text looks on a background with the YIQ color 96.1810, 86.9700, 31.7860.

31.7860.

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

96.1810, 86.9700, 31.7860

Protanopia

106.7010, 16.5990, -8.9770

Deuteranopia

105.9560, 37.6900, -11.2540



Tritanopia

96.1810, 86.9700, 31.7860

Trichromacy



Original Color

96.1810, 86.9700, 31.7860

Protanomaly

103.1330, 42.2260, 5.6660

Deuteranomaly

102.0220, 55.6600, 4.4920

Tritanomaly

96.1810, 86.9700, 31.7860

Monochromacy



Original Color

96.1810, 86.9700, 31.7860

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9610, 31.2670, 11.5470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.1810, 86.9700, 31.7860 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(199, 52, 54)` looks like.

```
.text, #text, p{  
    color:rgb(199, 52, 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(199, 52, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 52, 54) }
```

Border

The CSS property to change the border of an element to YIQ 96.1810, 86.9700, 31.7860 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(199, 52, 54) }
```


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

```
.border{ border-color:rgb(199, 52, 54) }
```

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

Here you see how a box with a 4 pixel rgb(199, 52, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 52, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 52, 54);  
box-shadow:4px 4px 4px 4px rgb(199, 52,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 96.1810, 86.9700, 31.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 52, 54) }
```

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

```
.background{ background-color: rgb(199, 52,  
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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