

Converting Colors

YIQ(102.6890, 87.9350, 19.7990)

Have a look what the booklet for
YIQ(102.6890, 87.9350, 19.7990)
contains.

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Color

**YIQ(102.6890, 87.9350,
19.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	C74227
RGB	199, 66, 39
RGB Percent	78%, 26%, 15%
CMY	0.2193, 0.7414, 0.8467
CMYK	0.00, 0.67, 0.80, 0.22
HSL	10°, 67%, 47%
HSV	10°, 80%, 78%
XYZ	25.8862, 16.1896, 3.6882
YIQ	102.6890, 87.9350, 19.7990

Conversions

Conversions Part 2

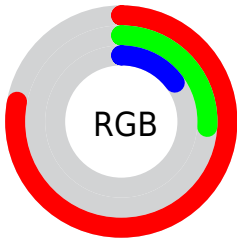
Format	Color
RYB	199, 71, 39
Decimal	13058599
CIELab	47.22, 51.59, 44.29
CIElCh	47, 67.996, 40.647
Yxy	16.1896, 0.5656, 0.3538
Android (android.graphics.Color)	4291248679 (0xFFC74227)
YUV	102.6890, -31.3987, 84.4647
Hunter-Lab	40.2363, 44.4254, 22.7306

Details

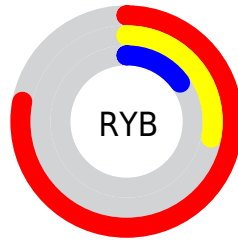
The YIQ color **102.6890, 87.9350, 19.7990** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **135.3110, -87.9350, -19.7990**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4890, 91.3740, 18.0460**, and **40.9630, 81.6520, 29.0440** is the 20% darker color. If you saturate the color by 10%, you get **90.4300, 99.0300, 22.4700**, and if you desaturate by 10%, it is **114.9480, 76.8400, 17.1280**.

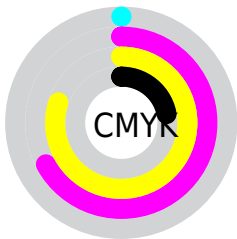
Distribution



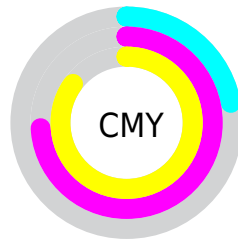
- Red (78%)
- Green (26%)
- Blue (15%)



- Red (78%)
- Yellow (28%)
- Blue (15%)



- Cyan (0%)
- Magenta (67%)
- Yellow (80%)
- Black (22%)





- Cyan (22%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 102.6890, 87.9350, 19.7990 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 102.6890, 87.9350, 19.7990 by changing the saturation by 10% instead.


 102.6890, 87.9350,
19.7990


 102.6890, 87.9350,
19.7990


255.0000, -0.0000,
-0.0000


 73.7750, 84.8170,
21.2410


 156.6030, 91.0530,
18.3570


 40.9630, 81.6520,
29.0440


 175.8890, 75.3280,
11.4880

 31.9930, 63.7720,
22.6840

 195.1750, 59.6030,
4.6190

 23.0230, 45.8920,
16.3240

 214.6890, 43.2360,
-1.6280

 15.1780, 29.1580,
11.2220

 234.7900, 26.5940,
-8.3980

 0.0000, 0.0000,
0.0000

 250.8960, 11.5560,

-11.1960

254.2020, 2.2470,
-2.1770

102.6890, 87.9350,
19.7990

102.6890, 87.9350,
19.7990

90.4300, 99.0300,
22.4700

114.9480, 76.8400,
17.1280

78.8720, 109.5290,
24.9290

126.6200, 66.0200,
14.9800

138.8790, 54.9250,
12.3090

150.5510, 44.1050,
10.1610

162.8100, 33.0100,
7.4900

■ 174.4820, 22.1900,
5.3420

■ 186.6270, 11.4160,
2.3600

■ 198.2990, 0.5960,
0.2120

■ 210.5580,
-10.4990, -2.4590

Harmonies

Analogous

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



97.2850, 84.5820, 53.0460



102.6890, 87.9350, 19.7990



105.1000, 72.2150, -14.7050

Triad

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



102.6890, 87.9350, 19.7990



87.3390, -59.9160, -48.5240



92.0950, -103.6210, 11.1870

Complementary

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



102.6890, 87.9350, 19.7990



135.3110, -87.9350, -19.7990

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.



100.9170, -106.4160, 1.2640



102.6890, 87.9350, 19.7990



95.4670, -80.0470, -30.5990

Square

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



102.6890, 87.9350, 19.7990



89.7870, -5.9960, -56.5560



101.0360, -97.1060, -13.2820



114.5440, -5.6020, 46.4780

Rectangle

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



102.6890, 87.9350, 19.7990



104.9350, 50.2100, -28.9100



101.0360, -97.1060, -13.2820



95.8450, -105.9130, 8.6710

Sweetspot

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



102.6890, 87.9350, 19.7990



218.1090, 33.6060, 7.7020



102.0020, 52.6670, 75.2830



105.5850, 20.4020, 4.7060



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.



102.6890, 87.9350, 19.7990



107.3220, 134.7450, 30.4970



149.6490, 65.9350, -22.0410



93.2780, 5.0890, 1.3850



64.5860, 89.7230, 20.4350



14.2860, 19.8060, 4.4940

Inverse Universe

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



135.3110, -87.9350, -19.7990



157.6780, -134.7450, -30.4970



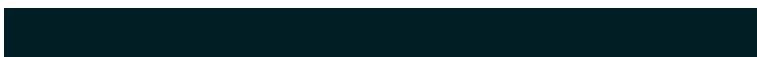
88.3510, -65.9350, 22.0410



95.7220, -5.0890, -1.3850



98.4140, -89.7230, -20.4350



21.7140, -19.8060, -4.4940

Previews

White Background



This preview shows how the YIQ color 102.6890, 87.9350, 19.7990 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 102.6890, 87.9350, 19.7990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

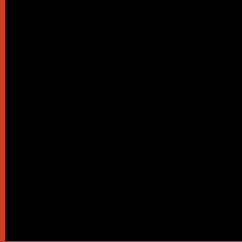
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 102.6890, 87.9350, 19.7990

Background



This preview shows how black text looks on a background with the YIQ color 102.6890, 87.9350, 19.7990.



This preview shows how white text looks on a background with the YIQ color 102.6890, 87.9350,

19.7990.

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

102.6890, 87.9350, 19.7990

Protanopia

109.6340, 26.7330, -16.4270

Deuteranopia

108.3450, 46.5400, -17.4600



Tritanopia

104.3050, 80.6890, 29.9770

Trichromacy



Original Color

102.6890, 87.9350, 19.7990

Protanomaly

107.1580, 49.1050, -3.3670

Deuteranomaly

106.2750, 61.8970, -3.9190

Tritanomaly

103.7520, 83.6240, 26.3440

Monochromacy



Original Color

102.6890, 87.9350, 19.7990

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.2120, 31.8180, 7.0660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.6890, 87.9350, 19.7990 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, 66, 39)` looks like.

```
.text, #text, p{  
    color:rgb(199, 66, 39)  
}
```

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, 66, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 66, 39) }
```

Border

The CSS property to change the border of an element to YIQ 102.6890, 87.9350, 19.7990 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, 66, 39) }
```


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

```
.border{ border-color:rgb(199, 66, 39) }
```

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

Here you see how a box with a 4 pixel rgb(199, 66, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 66, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 66, 39);  
box-shadow:4px 4px 4px 4px rgb(199, 66,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 102.6890, 87.9350, 19.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 66, 39) }
```

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

```
.background{ background-color: rgb(199, 66,  
39) }
```

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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