

Converting Colors

YIQ(102.6900, 78.1670, 31.6310)

Have a look what the booklet for
YIQ(102.6900, 78.1670, 31.6310)
contains.

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Color

**YIQ(102.6900, 78.1670,
31.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	C53D46
RGB	197, 61, 70
RGB Percent	77%, 24%, 27%
CMY	0.2271, 0.7610, 0.7252
CMYK	0.00, 0.69, 0.64, 0.23
HSL	356°, 54%, 51%
HSV	356°, 69%, 77%
XYZ	25.8216, 15.6562, 7.4682
YIQ	102.6900, 78.1670, 31.6310

Conversions

Conversions Part 2

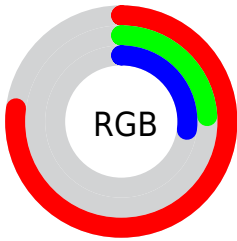
Format	Color
R_{YB}	197, 61, 70
Decimal	12926278
CIE Lab	46.52, 54.35, 25.93
CIE LCh	47, 60.214, 25.503
Yxy	15.6562, 0.5276, 0.3199
Android (android.graphics.Color)	4291116358 (0xFFC53D46)
YUV	102.6900, -16.1162, 82.7099
Hunter-Lab	39.5679, 47.2431, 16.5070

Details

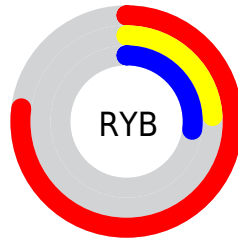
The YIQ color **102.6900, 78.1670, 31.6310** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **155.3100, -78.1670, -31.6310**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3760, 81.9270, 29.5670**, and **43.7420, 72.3890, 37.2290** is the 20% darker color. If you saturate the color by 10%, you get **88.8980, 89.4450, 36.4930**, and if you desaturate by 10%, it is **116.4820, 66.8890, 26.7690**.

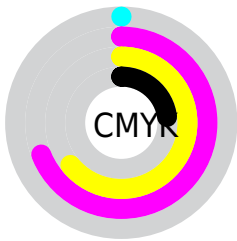
Distribution



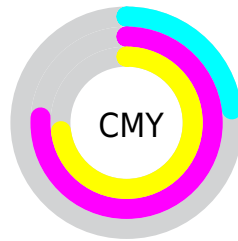
- Red (77%)
- Green (24%)
- Blue (27%)



- Red (77%)
- Yellow (24%)
- Blue (27%)



- Cyan (0%)
- Magenta (69%)
- Yellow (64%)
- Black (23%)



- Cyan (23%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.6900, 78.1670, 31.6310 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 102.6900, 78.1670, 31.6310 by changing the saturation by 10% instead.

■ 102.6900, 78.1670,
31.6310

■ 102.6900, 78.1670,
31.6310

255.0000, -0.0000,
-0.0000

■ 72.4280, 76.1490,
35.1650

■ 158.3760, 81.9270,
29.5670

■ 43.7420, 72.3890,
37.2290

■ 177.1890, 66.1560,
23.5320

■ 32.2210, 63.1300,
23.3060

■ 196.5890, 50.1100,
16.9740

■ 23.0230, 45.8920,
16.3240

■ 216.8040, 33.1470,
10.5150

■ 15.1780, 29.1580,
11.2220

■ 237.0190, 16.1840,
4.0560

■ 0.0000, 0.0000,
0.0000

254.8860, 0.3210,

-0.3110

■ 102.6900, 78.1670,
31.6310

■ 102.6900, 78.1670,
31.6310

■ 88.8980, 89.4450,
36.4930

■ 116.4820, 66.8890,
26.7690

■ 75.5790, 100.7690,
40.5210

■ 129.8010, 55.5650,
22.7410

■ 61.7870, 112.0470,
45.3830

■ 143.5930, 44.2870,
17.8790

■ 60.3850, 113.2390,
45.8070

■ 157.4990, 32.6880,
13.3280

■ 170.7040, 21.6850,
8.9890

■ 184.4960, 10.4070,
4.1270

■ 198.4020, -1.1920,
-0.4240

■ 212.1940,
-12.4700, -5.2860

■ 225.5130,
-23.7940, -9.3140

Harmonies

Analogous

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



104.2700, 62.5750, 49.8950



102.6900, 78.1670, 31.6310



104.4400, 74.7340, 0.2220

Triad

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



102.6900, 78.1670, 31.6310



80.6080, -50.6080, -52.0160



94.0210, -100.7770, 3.6950

Complementary

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



102.6900, 78.1670, 31.6310



155.3100, -78.1670, -31.6310

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.



97.7250, -97.4280, -7.4440



102.6900, 78.1670, 31.6310



88.9980, -68.7210, -37.6250

Square

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



102.6900, 78.1670, 31.6310



97.6490, 21.2360, -43.4680



95.3990, -85.3670, -22.2870



108.9370, -38.1060, 29.8140

Rectangle

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



102.6900, 78.1670, 31.6310



103.8600, 63.9630, -19.3410



95.3990, -85.3670, -22.2870



96.0270, -100.9140, 0.6700

Sweetspot

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



102.6900, 78.1670, 31.6310



217.6020, 30.9000, 12.6920



113.8790, 30.8440, 68.7960



105.7960, 18.4300, 7.4060



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.



102.6900, 78.1670, 31.6310



108.0980, 121.5370, 49.6090



135.1230, 65.3810, -0.9790



92.6910, 5.3640, 1.9080



49.9910, 93.6170, 37.9770



10.9920, 20.8140, 8.2540

Inverse Universe

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



102.6900, 78.1670, 31.6310



108.0980, 121.5370, 49.6090



122.8770, -65.3810, 0.9790



92.6910, 5.3640, 1.9080



49.9910, 93.6170, 37.9770



10.9920, 20.8140, 8.2540

Previews

White Background



This preview shows how the YIQ color 102.6900, 78.1670, 31.6310 looks on a white background.

Color Contrast Check

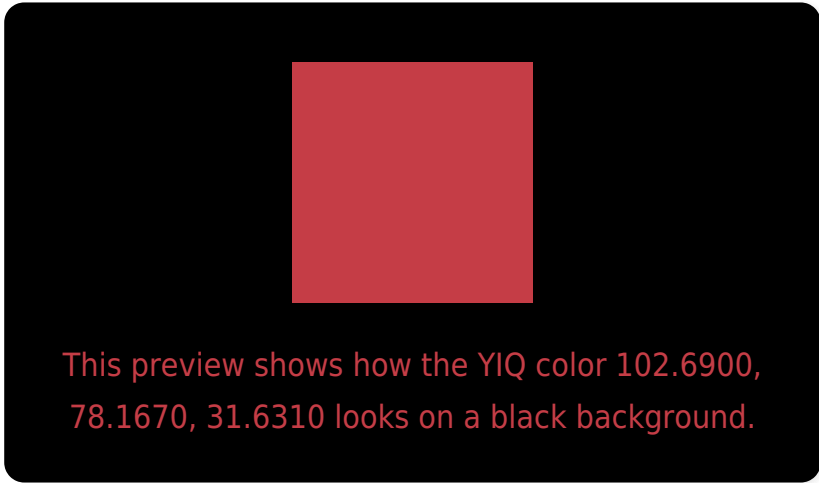
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.6900, 78.1670, 31.6310

Background



This preview shows how black text looks on a background with the YIQ color 102.6900, 78.1670, 31.6310.

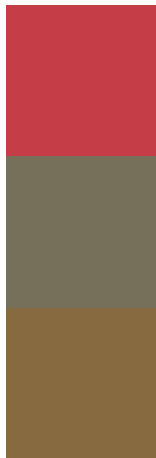


This preview shows how white text looks on a background with the YIQ color 102.6900, 78.1670,

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

102.6900, 78.1670, 31.6310

Protanopia

110.6990, 10.9130, -5.0470

Deuteranopia

109.7690, 31.0870, -7.2250



Tritanopia

102.7070, 79.4970, 29.5530

Trichromacy



Original Color

102.6900, 78.1670, 31.6310

Protanomaly

108.0060, 35.3940, 8.3380

Deuteranomaly

107.5960, 48.2320, 6.9520

Tritanomaly

102.9350, 78.8550, 30.1750

Monochromacy



Original Color

102.6900, 78.1670, 31.6310

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

102.9930, 28.2410, 11.3210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.6900, 78.1670, 31.6310 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(197, 61, 70)` looks like.

```
.text, #text, p{  
    color:rgb(197, 61, 70)  
}
```

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(197, 61, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 61, 70) }
```

Border

The CSS property to change the border of an element to YIQ 102.6900, 78.1670, 31.6310 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(197, 61, 70) }
```


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

```
.border{ border-color:rgb(197, 61, 70) }
```

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

Here you see how a box with a 4 pixel rgb(197, 61, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 61, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 61, 70);  
box-shadow:4px 4px 4px 4px rgb(197, 61,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 102.6900, 78.1670, 31.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 61, 70) }
```

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

```
.background{ background-color: rgb(197, 61,  
70) }
```

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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