

Converting Colors

YIQ(64.4890, 101.6830, 57.0030)

Have a look what the booklet for
YIQ(64.4890, 101.6830, 57.0030)
contains.

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Color

**YIQ(64.4890, 101.6830,
57.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	C50031
RGB	197, 0, 49
RGB Percent	77%, 0%, 19%
CMY	0.2270, 0.9998, 0.8075
CMYK	0.00, 1.00, 0.75, 0.23
HSL	345°, 100%, 39%
HSV	345°, 100%, 77%
XYZ	23.6157, 12.1101, 4.0088
YIQ	64.4890, 101.6830, 57.0030

Conversions

Conversions Part 2

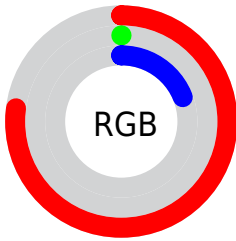
Format	Color
RYB	197, 0, 49
Decimal	12910641
CIELab	41.39, 66.96, 32.41
CIELCh	41, 74.394, 25.831
Yxy	12.1101, 0.5943, 0.3048
Android (android.graphics.Color)	4291100721 (0xFFC50031)
YUV	64.4890, -7.6361, 116.2121
Hunter-Lab	34.7995, 60.2347, 17.5295

Details

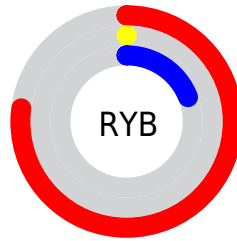
The YIQ color **64.4890, 101.6830, 57.0030** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **132.5110, -101.6830, -57.0030**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.3830, 98.3850, 39.6730**, and **40.6360, 78.2590, 29.9630** is the 20% darker color. If you saturate the color by 10%, you get **64.4890, 101.6830, 57.0030**, and if you desaturate by 10%, it is **77.9390, 91.3680, 51.2080**.

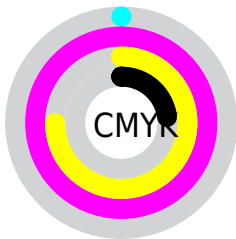
Distribution



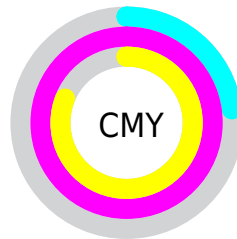
- Red (77%)
- Green (0%)
- Blue (19%)



- Red (77%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.4890, 101.6830, 57.0030 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 64.4890, 101.6830, 57.0030 by changing the saturation by 10% instead.


 64.4890, 101.6830,
57.0030


 64.4890, 101.6830,
57.0030


255.0000, -0.0000,
-0.0000


 52.5270, 89.3520,
43.6880


 136.3830, 98.3850,
39.6730


 40.6360, 78.2590,
29.9630


 156.8430, 82.1100,
31.7580


 30.7970, 61.3880,
21.8360

 176.8300, 65.7890,
24.6770

 22.4680, 43.1410,
16.6210

 196.8170, 49.4680,
17.5960

 12.6720, 24.7110,
9.2150

 217.0320, 32.5050,
11.1370

 0.0000, 0.0000,
0.0000

 237.8340, 15.2670,

4.1550

■ 64.4890, 101.6830,
57.0030

■ 77.9390, 91.3680,
51.2080

■ 90.8020, 81.3280,
45.9360

■ 104.2520, 71.0130,
40.1410

■ 117.5880, 61.0190,
34.0350

■ 131.0380, 50.7040,
28.2400

■ 143.9010, 40.6640,
22.9680

■ 157.3510, 30.3490,
17.1730

■ 170.8010, 20.0340,
11.3780

■ 183.5500, 10.3150,
5.7950

Harmonies

Analogous

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



71.3290, 82.4230, 75.6630



64.4890, 101.6830, 57.0030



88.1100, 84.5910, 3.3030

Triad

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



64.4890, 101.6830, 57.0030



70.9760, -37.2650, -57.0490



89.2910, -101.2370, 12.0350

Complementary

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



64.4890, 101.6830, 57.0030



132.5110, -101.6830, -57.0030

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.



93.1260, -96.8790, -0.8710



64.4890, 101.6830, 57.0030



81.5320, -61.4770, -36.7490

Square

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



64.4890, 101.6830, 57.0030



84.3150, 10.5530, -42.5910



89.3010, -81.9750, -17.6790



91.4760, -55.6210, 33.3630

Rectangle

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



64.4890, 101.6830, 57.0030



92.0650, 62.1280, -13.6160



89.3010, -81.9750, -17.6790



91.7700, -101.3280, 8.1760

Sweetspot

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



64.4890, 101.6830, 57.0030



203.8900, 39.1970, 22.0210



66.7100, 24.9710, 92.6430



97.0080, 23.8850, 13.1730



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.



64.4890, 101.6830, 57.0030



83.4270, 131.7570, 73.6530



87.6660, 103.9370, 16.1370



92.9190, 4.7220, 2.5300



53.4110, 83.9870, 47.3070



11.7900, 18.5670, 10.4310

Inverse Universe

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



64.4890, 101.6830, 57.0030



83.4270, 131.7570, 73.6530



109.3340, -103.9370, -16.1370



92.9190, 4.7220, 2.5300



53.4110, 83.9870, 47.3070



11.7900, 18.5670, 10.4310

Previews

White Background



This preview shows how the YIQ color 64.4890, 101.6830, 57.0030 looks on a white background.

Color Contrast Check

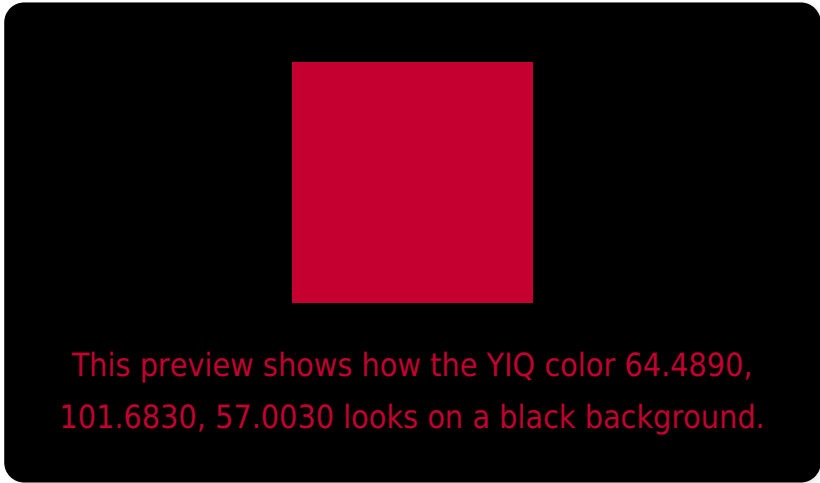
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.4890, 101.6830, 57.0030

Background



This preview shows how black text looks on a background with the YIQ color 64.4890, 101.6830, 57.0030.



This preview shows how white text looks on a background with the YIQ color 64.4890, 101.6830,

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

64.4890, 101.6830, 57.0030

Protanopia

99.1290, 12.5180, -6.6020

Deuteranopia

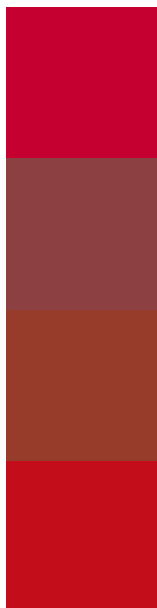
97.4720, 36.1770, -11.3670



Tritanopia

71.8260, 107.1430, 35.1350

Trichromacy



Original Color

64.4890, 101.6830, 57.0030

Protanomaly

86.8380, 44.9750, 16.4230

Deuteranomaly

85.1570, 60.0140, 13.6940

Tritanomaly

69.1990, 104.8950, 42.8390

Monochromacy



Original Color

64.4890, 101.6830, 57.0030

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.5800, 37.1340, 20.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.4890, 101.6830, 57.0030 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, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 49)  
}
```

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, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 49) }
```

Border

The CSS property to change the border of an element to YIQ 64.4890, 101.6830, 57.0030 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, 0, 49) }
```


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

```
.border{ border-color:rgb(197, 0, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 0, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 0, 49);  
box-shadow:4px 4px 4px 4px rgb(197, 0, 49)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.4890, 101.6830, 57.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 49) }
```

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

```
.background{ background-color: rgb(197, 0,  
49) }
```

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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