

Converting Colors

YIQ(76.7370, 98.2890, 63.4490)

Have a look what the booklet for
YIQ(76.7370, 98.2890, 63.4490)
contains.

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Color

**YIQ(76.7370, 98.2890,
63.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	D2094C
RGB	210, 9, 76
RGB Percent	82%, 4%, 30%
CMY	0.1760, 0.9649, 0.7016
CMYK	0.00, 0.96, 0.64, 0.18
HSL	340°, 92%, 43%
HSV	340°, 96%, 82%
XYZ	28.0204, 14.4377, 8.1631
YIQ	76.7370, 98.2890, 63.4490

Conversions

Conversions Part 2

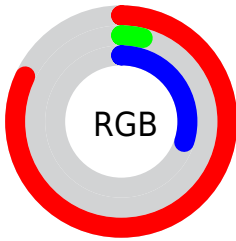
Format	Color
RYB	210, 9, 76
Decimal	13764940
CIELab	44.85, 70.47, 20.59
CIELCh	45, 73.417, 16.286
Yxy	14.4377, 0.5535, 0.2852
Android (android.graphics.Color)	4291955020 (0xFFD2094C)
YUV	76.7370, -0.3633, 116.8717
Hunter-Lab	37.9969, 65.1382, 13.8602

Details

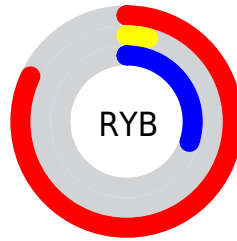
The YIQ color **76.7370, 98.2890, 63.4490** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **142.2630, -98.2890, -63.4490**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.2110, 87.4260, 45.5540**, and **47.7150, 77.0190, 41.4270** is the 20% darker color. If you saturate the color by 10%, you get **70.7700, 102.6900, 66.2900**, and if you desaturate by 10%, it is **90.6600, 88.0200, 56.8200**.

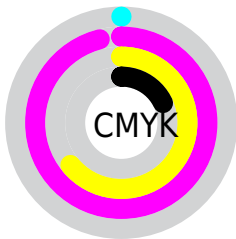
Distribution



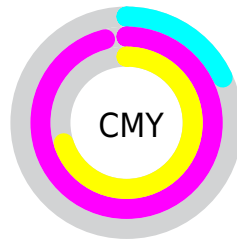
- Red (82%)
- Green (4%)
- Blue (30%)



- Red (82%)
- Yellow (4%)
- Blue (30%)



- Cyan (0%)
- Magenta (96%)
- Yellow (64%)
- Black (18%)





- Cyan (18%)
- Magenta (96%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.7370, 98.2890, 63.4490 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 76.7370, 98.2890, 63.4490 by changing the saturation by 10% instead.


 76.7370, 98.2890,
63.4490


 76.7370, 98.2890,
63.4490


255.0000, -0.0000,
-0.0000


 59.6770, 89.3500,
54.7420


 143.3250, 87.1050,
45.8650


 47.7150, 77.0190,
41.4270


 163.7850, 70.8300,
37.9500


 36.2370, 66.2010,
28.2250


 184.4730, 53.9130,
30.6570

 25.9420, 50.6140,
18.8540

 204.5740, 37.2710,
23.8870

 16.9720, 32.7340,
12.4940

 225.3760, 20.0330,
16.9050

 3.8870, 7.7480,
2.7560

 245.6080, 4.4000,

 0.0000, 0.0000,

8.3680

0.0000

■ 76.7370, 98.2890,
63.4490

■ 76.7370, 98.2890,
63.4490

■ 70.7700, 102.6900,
66.2900

■ 90.6600, 88.0200,
56.8200

■ 104.5830, 77.7510,
50.1910

■ 118.5060, 67.4820,
43.5620

■ 132.4290, 57.2130,
36.9330

■ 146.3520, 46.9440,
30.3040

■ 160.2750, 36.6750,
23.6750

■ 174.1980, 26.4060,
17.0460

■ 188.1210, 16.1370,
10.4170

■ 202.0440, 5.8680,
3.7880

Harmonies

Analogous

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



87.4460, 68.8520, 73.8120



76.7370, 98.2890, 63.4490



93.9960, 94.0800, 13.0560

Triad

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



76.7370, 98.2890, 63.4490



73.3750, -34.3750, -65.3750



97.4920, -106.4170, 6.7910

Complementary

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



76.7370, 98.2890, 63.4490



142.2630, -98.2890, -63.4490

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.



98.4260, -98.0240, -7.6560



76.7370, 98.2890, 63.4490



84.8600, -59.8250, -44.6650

Square

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



76.7370, 98.2890, 63.4490



96.5190, 27.6540, -38.6340



93.3300, -80.9190, -25.8070



86.1110, -100.5500, 16.1060

Rectangle

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



76.7370, 98.2890, 63.4490



99.2410, 76.4320, -8.5280



93.3300, -80.9190, -25.8070



98.3410, -104.6740, 2.7340

Sweetspot

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



76.7370, 98.2890, 63.4490



205.9760, 36.0790, 23.4630



71.0830, 13.5550, 90.2830



98.1650, 22.0050, 14.2050



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.



76.7370, 98.2890, 63.4490



85.9350, 124.6950, 80.4950



86.7090, 111.5460, 26.9220



97.7450, 5.2720, 3.5760



56.6160, 82.1520, 53.0320



13.8550, 19.9420, 13.0460

Inverse Universe

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



76.7370, 98.2890, 63.4490



85.9350, 124.6950, 80.4950



132.2910, -111.5460, -26.9220



97.7450, 5.2720, 3.5760



56.6160, 82.1520, 53.0320



13.8550, 19.9420, 13.0460

Previews

White Background



This preview shows how the YIQ color 76.7370, 98.2890, 63.4490 looks on a white background.

Color Contrast Check

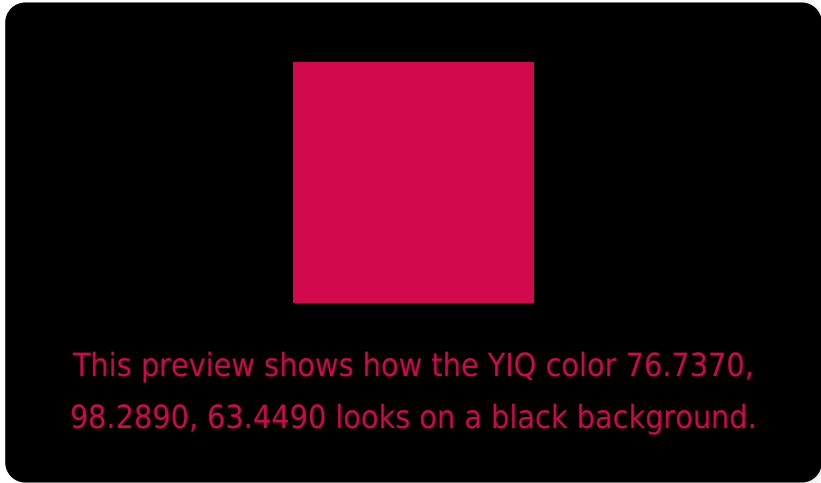
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.7370, 98.2890, 63.4490

Background



This preview shows how black text looks on a background with the YIQ color 76.7370, 98.2890, 63.4490.



This preview shows how white text looks on a background with the YIQ color 76.7370, 98.2890,

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

76.7370, 98.2890, 63.4490

Protanopia

108.0540, -0.0920, 1.6680

Deuteranopia

106.9690, 27.6480, -5.4720



Tritanopia

83.9940, 106.7300, 37.1140

Trichromacy



Original Color

76.7370, 98.2890, 63.4490

Protanomaly

96.5030, 36.0330, 24.2970

Deuteranomaly

96.0240, 53.3190, 19.3910

Tritanomaly

81.2360, 103.4730, 46.5850

Monochromacy



Original Color

76.7370, 98.2890, 63.4490

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.6770, 35.4830, 23.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.7370, 98.2890, 63.4490 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(210, 9, 76)` looks like.

```
.text, #text, p{  
    color:rgb(210, 9, 76)  
}
```

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(210, 9, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 9, 76) }
```

Border

The CSS property to change the border of an element to YIQ 76.7370, 98.2890, 63.4490 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(210, 9, 76) }
```


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

```
.border{ border-color:rgb(210, 9, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 9, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 9, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 9, 76);  
box-shadow:4px 4px 4px 4px rgb(210, 9, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.7370, 98.2890, 63.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 9, 76) }
```

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

```
.background{ background-color: rgb(210, 9,  
76) }
```

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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