

Converting Colors

YIQ(71.3840, 97.7850, 61.5690)

Have a look what the booklet for
YIQ(71.3840, 97.7850, 61.5690)
contains.

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Color

**YIQ(71.3840, 97.7850,
61.5690)**

Conversions

Conversions Part 1

Format	Color
Hex	CB0544
RGB	203, 5, 68
RGB Percent	80%, 2%, 27%
CMY	0.2034, 0.9806, 0.7330
CMYK	0.00, 0.98, 0.66, 0.20
HSL	341°, 95%, 41%
HSV	341°, 98%, 80%
XYZ	25.7635, 13.2399, 6.6804
YIQ	71.3840, 97.7850, 61.5690

Conversions

Conversions Part 2

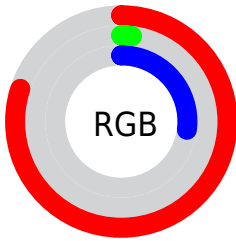
Format	Color
RYB	203, 5, 68
Decimal	13305156
CIELab	43.12, 68.75, 23.05
CIELCh	43, 72.511, 18.538
Yxy	13.2399, 0.5640, 0.2898
Android (android.graphics.Color)	4291495236 (0xFFCB0544)
YUV	71.3840, -1.6683, 115.4272
Hunter-Lab	36.3867, 62.7094, 14.5854

Details

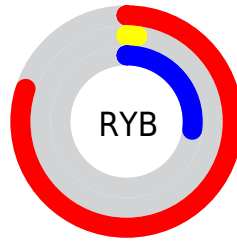
The YIQ color **71.3840, 97.7850, 61.5690** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **136.6160, -97.7850, -61.5690**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.1250, 90.5440, 44.1120**, and **44.8240, 75.0940, 37.7660** is the 20% darker color. If you saturate the color by 10%, you get **68.1070, 100.1230, 63.2510**, and if you desaturate by 10%, it is **84.7200, 87.7910, 55.4630**.

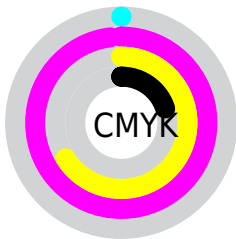
Distribution



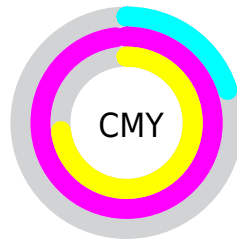
- Red (80%)
- Green (2%)
- Blue (27%)



- Red (80%)
- Yellow (2%)
- Blue (27%)



- Cyan (0%)
- Magenta (98%)
- Yellow (66%)
- Black (20%)





- Cyan (20%)
- Magenta (98%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 71.3840, 97.7850, 61.5690 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 71.3840, 97.7850, 61.5690 by changing the saturation by 10% instead.


 71.3840, 97.7850,
61.5690


 71.3840, 97.7850,
61.5690


255.0000, -0.0000,
-0.0000


 56.6720, 87.7460,
50.7700


 141.1250, 90.5440,
44.1120


 45.1230, 75.6900,
37.9780


 160.9980, 74.5440,
36.7200


 32.8900, 65.5600,
23.3200

 181.6860, 57.6270,
29.4270

 24.1480, 47.0380,
17.5820

 201.7870, 40.9850,
22.6570

 14.8790, 28.5620,
11.0100

 222.0020, 24.0220,
16.1980

 0.0000, 0.0000,
0.0000

 242.8040, 6.7840,

■ 71.3840, 97.7850,
61.5690

■ 71.3840, 97.7850,
61.5690

■ 68.1070, 100.1230,
63.2510

■ 84.7200, 87.7910,
55.4630

■ 98.6430, 77.5220,
48.8340

■ 111.9790, 67.5280,
42.7280

■ 125.2010, 57.8550,
36.3110

■ 139.1240, 47.5860,
29.6820

■ 152.4600, 37.5920,
23.5760

■ 165.7960, 27.5980,
17.4700

■ 179.1320, 17.6040,
11.3640

■ 193.0550, 7.3350,
4.7350

Harmonies

Analogous

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



76.7070, 72.6110, 77.2750



71.3840, 97.7850, 61.5690



89.4640, 92.5220, 8.2500

Triad

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



71.3840, 97.7850, 61.5690



71.0270, -33.2750, -63.2830



93.2860, -102.8410, 8.0630

Complementary

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



71.3840, 97.7850, 61.5690



136.6160, -97.7850, -61.5690

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.



95.2630, -96.0070, -5.6630



71.3840, 97.7850, 61.5690



82.0390, -58.7710, -41.7390

Square

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



71.3840, 97.7850, 61.5690



91.4800, 23.3900, -38.4500



90.3950, -79.5440, -23.1920



81.6770, -96.3320, 16.7560

Rectangle

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



71.3840, 97.7850, 61.5690



95.3760, 71.6180, -9.3900



90.3950, -79.5440, -23.1920



94.9500, -102.0150, 4.1050

Sweetspot

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



71.3840, 97.7850, 61.5690



205.8620, 36.4000, 23.1520



67.0400, 15.1140, 89.5620



98.0510, 22.3260, 13.8940



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.



71.3840, 97.7850, 61.5690



85.4790, 125.9790, 79.2510



83.5730, 108.9330, 24.7170



95.3320, 4.9970, 3.0530



55.6760, 81.9230, 51.6750



12.7300, 18.7960, 11.7880

Inverse Universe

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



71.3840, 97.7850, 61.5690



85.4790, 125.9790, 79.2510



124.4270, -108.9330, -24.7170



95.3320, 4.9970, 3.0530



55.6760, 81.9230, 51.6750



12.7300, 18.7960, 11.7880

Previews

White Background



This preview shows how the YIQ color 71.3840, 97.7850, 61.5690 looks on a white background.

Color Contrast Check

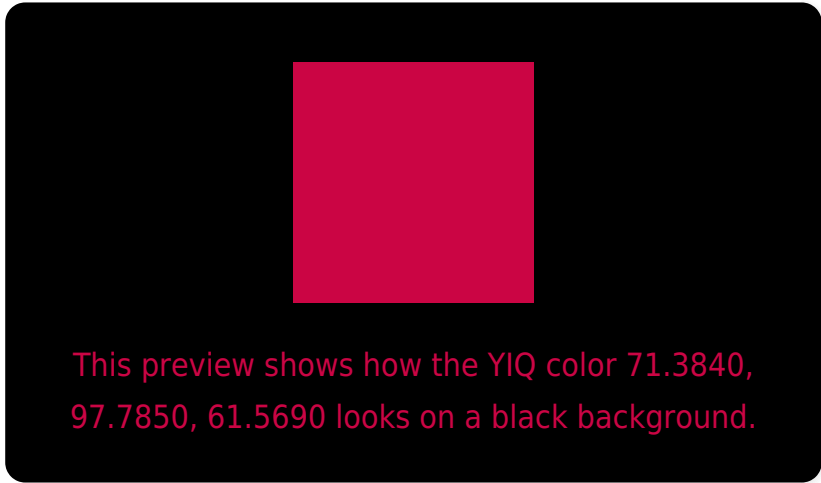
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.3840, 97.7850, 61.5690

Background



This preview shows how black text looks on a background with the YIQ color 71.3840, 97.7850, 61.5690.



This preview shows how white text looks on a background with the YIQ color 71.3840, 97.7850,

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

71.3840, 97.7850, 61.5690

Protanopia

103.8540, 3.3470, -0.0850

Deuteranopia

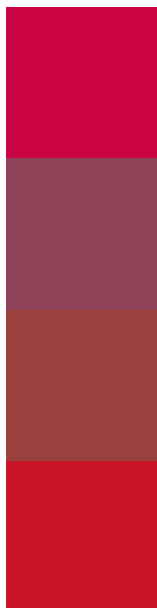
102.8120, 29.5280, -6.5040



Tritanopia

79.5700, 104.9880, 35.6440

Trichromacy



Original Color

71.3840, 97.7850, 61.5690

Protanomaly

91.8190, 37.9590, 22.4310

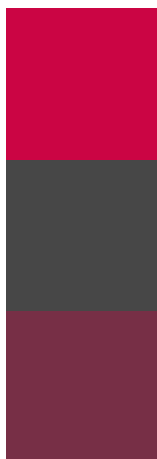
Deuteranomaly

91.5680, 54.6030, 18.1470

Tritanomaly

76.6980, 102.0520, 44.8040

Monochromacy



Original Color

71.3840, 97.7850, 61.5690

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.1500, 35.5290, 22.4170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.3840, 97.7850, 61.5690 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(203, 5, 68)` looks like.

```
.text, #text, p{  
    color:rgb(203, 5, 68)  
}
```

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(203, 5, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 5, 68) }
```

Border

The CSS property to change the border of an element to YIQ 71.3840, 97.7850, 61.5690 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(203, 5, 68) }
```


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

```
.border{ border-color:rgb(203, 5, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 5, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 5, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 5, 68);  
box-shadow:4px 4px 4px 4px rgb(203, 5, 68)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.3840, 97.7850, 61.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 5, 68) }
```

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

```
.background{ background-color: rgb(203, 5,  
68) }
```

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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