

Converting Colors

YIQ(82.5890, 77.6140, 47.1660)

Have a look what the booklet for
YIQ(82.5890, 77.6140, 47.1660)
contains.

YIQ(82.5890, 77.6140, 47.1660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(82.5890, 77.6140,
47.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	BA1F4D
RGB	186, 31, 77
RGB Percent	73%, 12%, 30%
CMY	0.2702, 0.8786, 0.6978
CMYK	0.00, 0.83, 0.59, 0.27
HSL	342°, 71%, 43%
HSV	342°, 83%, 73%
XYZ	22.1046, 11.9652, 8.1785
YIQ	82.5890, 77.6140, 47.1660

Conversions

Conversions Part 2

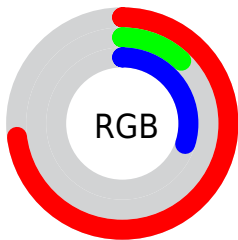
Format	Color
R_{YB}	186, 31, 77
Decimal	12197709
CIE _{Lab}	41.16, 61.10, 14.17
CIE _{LCh}	41, 62.720, 13.055
Yxy	11.9652, 0.5232, 0.2832
Android (android.graphics.Color)	4290387789 (0xFFBA1F4D)
YUV	82.5890, -2.7554, 90.6914
Hunter-Lab	34.5907, 53.5337, 10.1952

Details

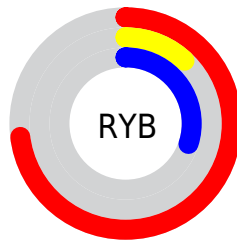
The YIQ color **82.5890, 77.6140, 47.1660** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **134.4110, -77.6140, -47.1660**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6940, 81.5120, 42.6000**, and **41.5500, 64.1820, 37.2860** is the 20% darker color. If you saturate the color by 10%, you get **69.9540, 87.0120, 53.0600**, and if you desaturate by 10%, it is **95.2240, 68.2160, 41.2720**.

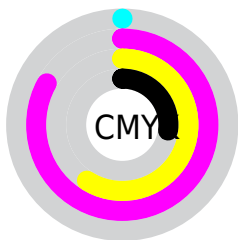
Distribution



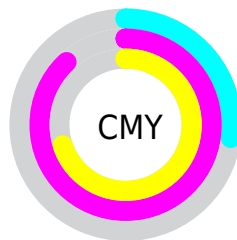
- Red (73%)
- Green (12%)
- Blue (30%)



- Red (73%)
- Yellow (12%)
- Blue (30%)



- Cyan (0%)
- Magenta (83%)
- Yellow (59%)
- Black (27%)



- Cyan (27%)
- Magenta (88%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.5890, 77.6140, 47.1660 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 82.5890, 77.6140, 47.1660 by changing the saturation by 10% instead.

■ 82.5890, 77.6140,
47.1660

■ 82.5890, 77.6140,
47.1660

■ 255.0000, -0.0000,
-0.0000

■ 52.9140, 75.3210,
50.1770

■ 143.6940, 81.5120,
42.6000

■ 41.5500, 64.1820,
37.2860

■ 165.0730, 69.9590,
37.2150

■ 30.0720, 53.3640,
24.0840

■ 185.1740, 53.3170,
30.4450

■ 20.9730, 40.1610,
15.5610

■ 204.8020, 36.6290,
24.5090

■ 11.1770, 21.7310,
8.1550

■ 225.0170, 19.6660,
18.0500

■ 0.0000, 0.0000,
0.0000

■ 245.0210, 4.6750,

8.8910

■ 82.5890, 77.6140,
47.1660

■ 82.5890, 77.6140,
47.1660

■ 69.9540, 87.0120,
53.0600

■ 95.2240, 68.2160,
41.2720

■ 61.8840, 93.2010,
56.5370

■ 107.2720, 59.0930,
35.9010

■ 119.9070, 49.6950,
30.0070

■ 131.9550, 40.5720,
24.6360

■ 144.5900, 31.1740,
18.7420

■ 157.3390, 21.4550,
13.1590

■ 169.3870, 12.3320,
7.7880

■ 182.0220, 2.9340,
1.8940

■ 194.0700, -6.1890,
-3.4770

Harmonies

Analogous

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



89.7990, 51.0200, 55.5640



82.5890, 77.6140, 47.1660



88.2640, 78.7660, 15.2620

Triad

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



82.5890, 77.6140, 47.1660



75.1270, -12.6450, -51.6930



87.5010, -93.4410, 2.9030

Complementary

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



82.5890, 77.6140, 47.1660



134.4110, -77.6140, -47.1660

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.



88.3040, -86.0570, -9.7770



82.5890, 77.6140, 47.1660



76.6760, -53.3150, -41.4990

Square

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



82.5890, 77.6140, 47.1660



89.1760, 30.3580, -32.5700



83.4190, -70.9240, -25.2280



79.0380, -90.2790, 11.6810

Rectangle

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



82.5890, 77.6140, 47.1660



90.6580, 70.8840, -7.1000



83.4190, -70.9240, -25.2280



88.4640, -92.0190, -0.8430

Sweetspot

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



82.5890, 77.6140, 47.1660



201.9920, 29.9820, 18.3180



81.2610, 15.2090, 71.3130



98.0180, 17.9250, 11.0530



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5890, 77.6140, 47.1660



80.5660, 121.1200, 73.6960



95.5420, 83.8550, 16.6470



85.9190, 4.7220, 2.5300



51.8880, 78.2100, 47.3780



9.2840, 14.1200, 8.4240

Inverse Universe

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



82.5890, 77.6140, 47.1660



80.5660, 121.1200, 73.6960



121.4580, -83.8550, -16.6470



85.9190, 4.7220, 2.5300



51.8880, 78.2100, 47.3780



9.2840, 14.1200, 8.4240

Previews

White Background



This preview shows how the YIQ color 82.5890, 77.6140, 47.1660 looks on a white background.

Color Contrast Check

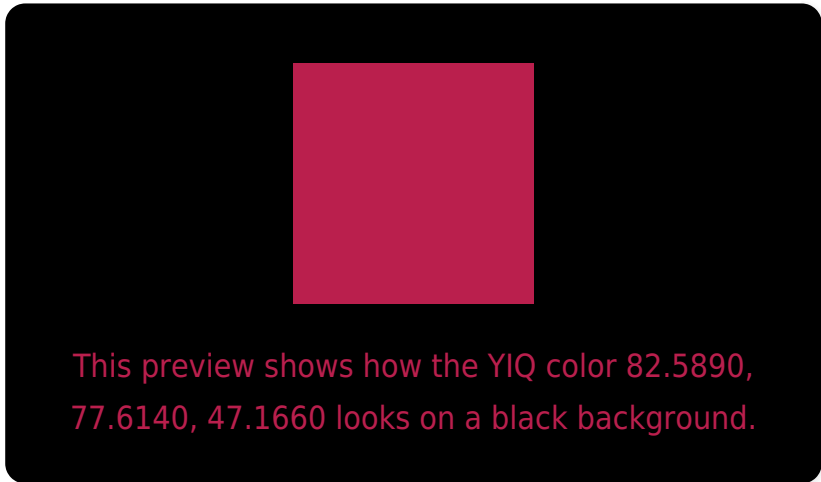
Large Text (above 18pt) WCAG AA ✓ Pass

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

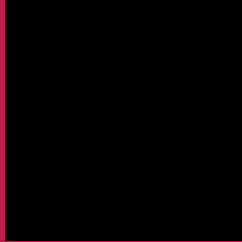
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.5890, 77.6140, 47.1660

Background



This preview shows how black text looks on a background with the YIQ color 82.5890, 77.6140, 47.1660.



This preview shows how white text looks on a background with the YIQ color 82.5890, 77.6140,

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

82.5890, 77.6140, 47.1660

Protanopia

98.8410, -3.8060, 2.8980

Deuteranopia

98.1410, 21.4120, -2.5880



Tritanopia

84.0560, 85.8240, 30.5280

Trichromacy



Original Color

82.5890, 77.6140, 47.1660

Protanomaly

93.0670, 25.3970, 18.8130

Deuteranomaly

92.4570, 41.6740, 15.6740

Tritanomaly

83.1900, 82.7510, 36.6630

Monochromacy



Original Color

82.5890, 77.6140, 47.1660

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.6820, 27.9190, 17.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.5890, 77.6140, 47.1660 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(186, 31, 77)` looks like.

```
.text, #text, p{  
    color:rgb(186, 31, 77)  
}
```

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(186, 31, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 31, 77) }
```

Border

The CSS property to change the border of an element to YIQ 82.5890, 77.6140, 47.1660 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(186, 31, 77) }
```


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

```
.border{ border-color:rgb(186, 31, 77) }
```

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

Here you see how a box with a 4 pixel rgb(186, 31, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 31, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 31, 77);  
box-shadow:4px 4px 4px 4px rgb(186, 31,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 82.5890, 77.6140, 47.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 31, 77) }
```

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

```
.background{ background-color: rgb(186, 31,  
77) }
```

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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