

Converting Colors

YIQ(83.0200, 51.1150, 37.3150)

Have a look what the booklet for
YIQ(83.0200, 51.1150, 37.3150)
contains.

YIQ(83.0200, 51.1150, 37.3150)	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(83.0200, 51.1150,
37.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2D5A
RGB	155, 45, 90
RGB Percent	61%, 18%, 35%
CMY	0.3919, 0.8237, 0.6469
CMYK	0.00, 0.71, 0.42, 0.39
HSL	335°, 55%, 39%
HSV	335°, 71%, 61%
XYZ	16.3157, 9.5880, 10.6732
YIQ	83.0200, 51.1150, 37.3150

Conversions

Conversions Part 2

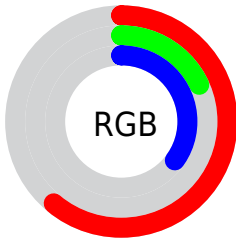
Format	Color
RYB	155, 45, 90
Decimal	10169690
CIELab	37.09, 49.03, -0.68
CIELCh	37, 49.038, 359.209
Yxy	9.5880, 0.4461, 0.2621
Android (android.graphics.Color)	4288359770 (0xFF9B2D5A)
YUV	83.0200, 3.4411, 63.1265
Hunter-Lab	30.9646, 39.8662, 1.2385

Details

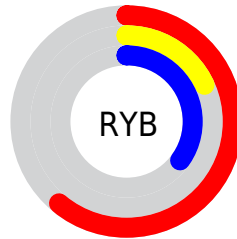
The YIQ color **83.0200, 51.1150, 37.3150** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **116.9800, -51.1150, -37.3150**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7600, 54.7830, 36.9190**, and **34.7310, 44.5590, 34.9830** is the 20% darker color. If you saturate the color by 10%, you get **72.6020, 58.4040, 42.8840**, and if you desaturate by 10%, it is **92.8510, 44.1010, 32.2690**.

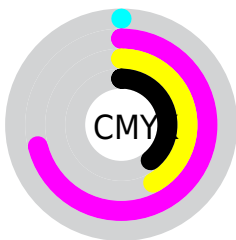
Distribution



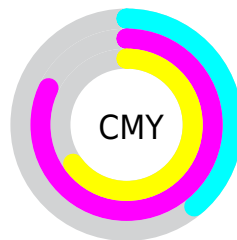
- Red (61%)
- Green (18%)
- Blue (35%)



- Red (61%)
- Yellow (18%)
- Blue (35%)



- Cyan (0%)
- Magenta (71%)
- Yellow (42%)
- Black (39%)



- Cyan (39%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.0200, 51.1150, 37.3150 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 83.0200, 51.1150, 37.3150 by changing the saturation by 10% instead.

83.0200, 51.1150,
37.3150

83.0200, 51.1150,
37.3150

255.0000, -0.0000,
-0.0000

52.0680, 51.1600,
42.0080

137.7600, 54.7830,
36.9190

34.7310, 44.5590,
34.9830

165.5430, 56.8920,
37.2440

24.2640, 35.2080,
22.7280

188.0580, 47.9520,
34.0640

14.2810, 27.3700,
10.5860

207.6860, 31.2640,
28.1280

0.0000, 0.0000,
0.0000

228.0150, 13.9800,
21.9800

245.6080, 4.4000,

8.3680

■ 83.0200, 51.1150,
37.3150

■ 83.0200, 51.1150,
37.3150

■ 72.6020, 58.4040,
42.8840

■ 92.8510, 44.1010,
32.2690

■ 62.7710, 65.4180,
47.9300

■ 103.2690, 36.8120,
26.7000

■ 53.5270, 72.1570,
52.4530

■ 113.2140, 29.4770,
21.9650

■ 123.6320, 22.1880,
16.3960

■ 133.4630, 15.1740,
11.3500

■ 143.8810, 7.8850,
5.7810

■ 154.2990, 0.5960,
0.2120

■ 164.1300, -6.4180,
-4.8340

■ 174.5480,
-13.7070, -10.4030

Harmonies

Analogous

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



88.4050, 22.2300, 37.6700



83.0200, 51.1150, 37.3150



82.6830, 61.7090, 21.5250

Triad

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



83.0200, 51.1150, 37.3150



76.6130, 12.8900, -35.3820



76.9570, -77.5300, -4.6180

Complementary

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



83.0200, 51.1150, 37.3150



116.9800, -51.1150, -37.3150

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.



75.8850, -69.0000, -16.0400



83.0200, 51.1150, 37.3150



64.8900, -42.1740, -39.6620

Square

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



83.0200, 51.1150, 37.3150



81.5890, 39.8010, -21.9830



71.3250, -56.1600, -28.4800



73.0420, -78.9070, 3.8210

Rectangle

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



83.0200, 51.1150, 37.3150



83.1150, 59.8320, 5.9760



71.3250, -56.1600, -28.4800



77.2190, -75.5120, -8.1520

Sweetspot

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



83.0200, 51.1150, 37.3150



173.4960, 19.5750, 14.1910



76.6760, 2.8340, 47.7780



85.6150, 11.6900, 8.4100



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



83.0200, 51.1150, 37.3150



89.1090, 79.4460, 58.0220



83.1730, 63.0850, 18.6130



71.7340, 3.8050, 2.6290



48.3580, 65.1430, 47.4070



4.4570, 6.1430, 4.3110

Inverse Universe

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



83.0200, 51.1150, 37.3150



89.1090, 79.4460, 58.0220



116.8270, -63.0850, -18.6130



71.7340, 3.8050, 2.6290



48.3580, 65.1430, 47.4070



4.4570, 6.1430, 4.3110

Previews

White Background



This preview shows how the YIQ color 83.0200, 51.1150, 37.3150 looks on a white background.

Color Contrast Check

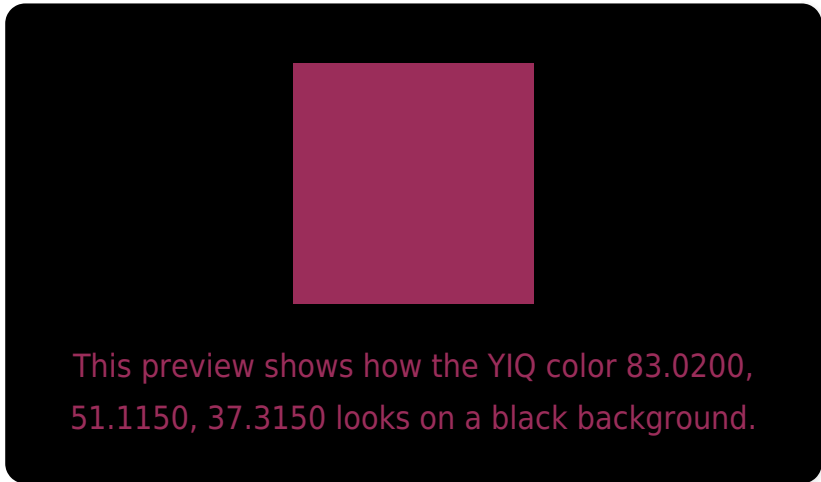
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 83.0200, 51.1150, 37.3150

Background



This preview shows how black text looks on a background with the YIQ color 83.0200, 51.1150, 37.3150.



This preview shows how white text looks on a background with the YIQ color 83.0200, 51.1150,

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

83.0200, 51.1150, 37.3150

Protanopia

88.5120, -12.8850, 7.7470

Deuteranopia

88.8870, 7.7480, 2.7560



Tritanopia

83.2420, 58.6370, 22.1330

Trichromacy



Original Color

83.0200, 51.1150, 37.3150

Protanomaly

86.7540, 10.2210, 18.5170

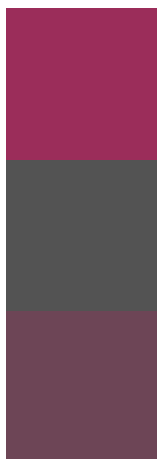
Deuteranomaly

86.5890, 23.7470, 15.6750

Tritanomaly

83.1480, 56.2060, 27.6460

Monochromacy



Original Color

83.0200, 51.1150, 37.3150

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.8980, 18.3830, 13.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.0200, 51.1150, 37.3150 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(155, 45, 90)` looks like.

```
.text, #text, p{  
    color:rgb(155, 45, 90)  
}
```

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(155, 45, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 45, 90) }
```

Border

The CSS property to change the border of an element to YIQ 83.0200, 51.1150, 37.3150 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(155, 45, 90) }
```


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

```
.border{ border-color:rgb(155, 45, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 45, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 45, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 45, 90);  
box-shadow:4px 4px 4px 4px rgb(155, 45,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 83.0200, 51.1150, 37.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 45, 90) }
```

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

```
.background{ background-color: rgb(155, 45,  
90) }
```

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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