

Converting Colors

YIQ(83.5390, 81.0510, 56.4670)

Have a look what the booklet for
YIQ(83.5390, 81.0510, 56.4670)
contains.

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Color

**YIQ(83.5390, 81.0510,
56.4670)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C4195A |
| RGB | 196, 25, 90 |
| RGB Percent | 77%, 10%, 35% |
| CMY | 0.2309, 0.9022, 0.6468 |
| CMYK | 0.00, 0.87, 0.54, 0.23 |
| HSL | 337°, 77%, 43% |
| HSV | 337°, 87%, 77% |
| XYZ | 24.9891, 13.1826, 10.9157 |
| YIQ | 83.5390, 81.0510, 56.4670 |

Conversions

Conversions Part 2

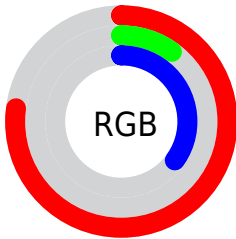
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 196, 25, 90 |
| Decimal | 12851546 |
| CIE _{Lab} | 43.04, 65.84, 8.88 |
| CIE _{LCh} | 43, 66.438, 7.680 |
| Yxy | 13.1826, 0.5091, 0.2686 |
| Android (android.graphics.Color) | 4291041626 (0xFFC4195A) |
| YUV | 83.5390, 3.1853, 98.6283 |
| Hunter-Lab | 36.3079, 59.3150, 7.5904 |

Details

The YIQ color **83.5390, 81.0510, 56.4670** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **137.4610, -81.0510, -56.4670**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7960, 81.4650, 48.9610**, and **45.4950, 66.0150, 42.6150** is the 20% darker color. If you saturate the color by 10%, you get **70.4310, 90.4030, 63.1950**, and if you desaturate by 10%, it is **96.6470, 71.6990, 49.7390**.

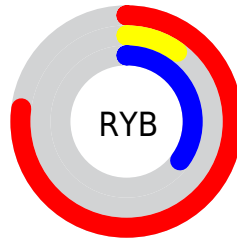
Distribution



Red (77%)

Green (10%)

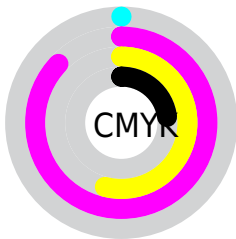
Blue (35%)



Red (77%)

Yellow (10%)

Blue (35%)

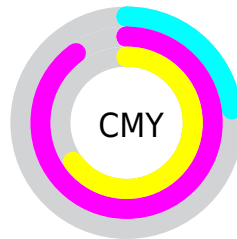


Cyan (0%)

Magenta (87%)

Yellow (54%)

Black (23%)



Cyan (23%)


Magenta (90%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 83.5390, 81.0510, 56.4670 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 83.5390, 81.0510, 56.4670 by changing the saturation by 10% instead.


 83.5390, 81.0510,
56.4670


 83.5390, 81.0510,
56.4670


255.0000, -0.0000,
-0.0000


 57.2720, 77.4290,
56.0290


 146.7960, 81.4650,
48.9610


 45.4950, 66.0150,
42.6150


 166.7830, 65.1440,
41.8800


 34.5440, 55.1510,
30.2470

 186.8840, 48.5020,
35.1100

 23.2510, 45.2500,
16.9460

 207.0990, 31.5390,
28.6510

 14.2810, 27.3700,
10.5860

 227.3140, 14.5760,
22.1920

 0.0000, 0.0000,
0.0000

 245.6080, 4.4000,

8.3680

■ 83.5390, 81.0510,
56.4670

■ 83.5390, 81.0510,
56.4670

■ 70.4310, 90.4030,
63.1950

■ 96.6470, 71.6990,
49.7390

■ 67.1540, 92.7410,
64.8770

■ 109.1680, 62.6220,
43.5340

■ 122.3900, 52.9490,
37.1170

■ 134.9110, 43.8720,
30.9120

■ 148.0190, 34.5200,
24.1840

■ 161.1270, 25.1680,
17.4560

■ 173.6480, 16.0910,
11.2510

■ 186.7560, 6.7390,
4.5230

■ 199.2770, -2.3380,
-1.6820

Harmonies

Analogous

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



95.5690, 45.9760, 58.8720



83.5390, 81.0510, 56.4670



91.2420, 85.0000, 23.4320

Triad

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



83.5390, 81.0510, 56.4670



82.7430, -2.6960, -50.2800



93.1090, -98.2090, 1.2070

Complementary

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



83.5390, 81.0510, 56.4670



137.4610, -81.0510, -56.4670

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.



91.9400, -88.0280, -12.6040



83.5390, 81.0510, 56.4670



78.6990, -52.1220, -46.6020

Square

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



83.5390, 81.0510, 56.4670



94.2370, 37.5560, -30.8600



86.4850, -71.2900, -29.6100



85.2160, -96.6520, 11.5400

Rectangle

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



83.5390, 81.0510, 56.4670



93.6700, 79.7780, -3.0860



86.4850, -71.2900, -29.6100



93.2570, -95.8700, -2.6380

Sweetspot

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



83.5390, 81.0510, 56.4670



211.5840, 31.3110, 21.7670



76.1880, 8.2850, 75.6530



101.6700, 19.0250, 13.1450



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.



83.5390, 81.0510, 56.4670



87.3030, 120.8430, 84.2270



87.8690, 96.4160, 25.7920



90.4460, 4.6760, 3.3640



55.0930, 76.3750, 53.1030



11.3490, 15.4950, 11.0390

Inverse Universe

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



83.5390, 81.0510, 56.4670



87.3030, 120.8430, 84.2270



133.1310, -96.4160, -25.7920



90.4460, 4.6760, 3.3640



55.0930, 76.3750, 53.1030



11.3490, 15.4950, 11.0390

Previews

White Background



This preview shows how the YIQ color 83.5390, 81.0510, 56.4670 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



This preview shows how the YIQ color 83.5390, 81.0510, 56.4670 looks on a 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 83.5390, 81.0510, 56.4670

Background



This preview shows how black text looks on a background with the YIQ color 83.5390, 81.0510, 56.4670.



This preview shows how white text looks on a background with the YIQ color 83.5390, 81.0510,

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

83.5390, 81.0510, 56.4670

Protanopia

103.4690, -11.3260, 7.0260

Deuteranopia

103.3410, 17.9730, -0.8350



Tritanopia

87.4480, 90.5920, 32.2240

Trichromacy



Original Color

83.5390, 81.0510, 56.4670

Protanomaly

96.2010, 22.3240, 24.9480

Deuteranomaly

96.2060, 41.1230, 20.1550

Tritanomaly

86.1630, 87.3810, 40.8610

Monochromacy



Original Color

83.5390, 81.0510, 56.4670

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.1600, 29.5690, 20.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.5390, 81.0510, 56.4670 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(196, 25, 90)` looks like.

```
.text, #text, p{  
    color:rgb(196, 25, 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(196, 25, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 25, 90) }
```

Border

The CSS property to change the border of an element to YIQ 83.5390, 81.0510, 56.4670 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(196, 25, 90) }
```


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

```
.border{ border-color:rgb(196, 25, 90) }
```

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

Here you see how a box with a 4 pixel rgb(196, 25, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 25, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 25, 90);  
box-shadow:4px 4px 4px 4px rgb(196, 25,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 83.5390, 81.0510, 56.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 25, 90) }
```

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

```
.background{ background-color: rgb(196, 25,  
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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