

Converting Colors

YIQ(91.6310, 77.7960, 54.8840)

Have a look what the booklet for
YIQ(91.6310, 77.7960, 54.8840)
contains.

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Color

**YIQ(91.6310, 77.7960,
54.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	C82363
RGB	200, 35, 99
RGB Percent	78%, 14%, 39%
CMY	0.2153, 0.8630, 0.6115
CMYK	0.00, 0.83, 0.50, 0.22
HSL	337°, 70%, 46%
HSV	337°, 83%, 78%
XYZ	26.7032, 14.3947, 13.1920
YIQ	91.6310, 77.7960, 54.8840

Conversions

Conversions Part 2

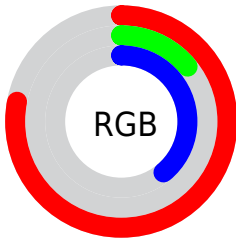
Format	Color
R_{YB}	200, 35, 99
Decimal	13116259
CIE _{Lab}	44.79, 65.43, 5.85
CIE _{LCh}	45, 65.694, 5.111
Yxy	14.3947, 0.4919, 0.2651
Android (android.graphics.Color)	4291306339 (0xFFC82363)
YUV	91.6310, 3.6329, 95.0396
Hunter-Lab	37.9403, 59.2365, 5.9428

Details

The YIQ color **91.6310, 77.7960, 54.8840** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **143.3690, -77.7960, -54.8840**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **151.3440, 76.9260, 48.6220**, and **47.9020, 66.4270, 46.1630** is the 20% darker color. If you saturate the color by 10%, you get **78.5230, 87.1480, 61.6120**, and if you desaturate by 10%, it is **104.7390, 68.4440, 48.1560**.

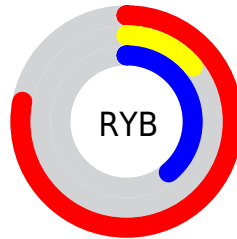
Distribution



Red (78%)

Green (14%)

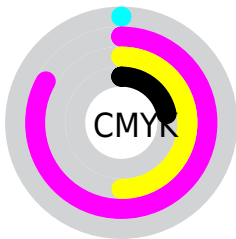
Blue (39%)



Red (78%)

Yellow (14%)

Blue (39%)

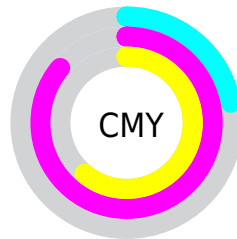


Cyan (0%)

Magenta (83%)

Yellow (50%)

Black (22%)



Cyan (22%)


Magenta (86%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 91.6310, 77.7960, 54.8840 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 91.6310, 77.7960, 54.8840 by changing the saturation by 10% instead.


 91.6310, 77.7960,
54.8840


 91.6310, 77.7960,
54.8840


255.0000, -0.0000,
-0.0000

 59.3800, 77.2450,
59.3650


 151.4580, 76.6050,
48.9330

 47.9020, 66.4270,
46.1630


 171.4450, 60.2840,
41.8520


 36.5380, 55.2880,
33.2720

 191.5460, 43.6420,
35.0820

 25.1310, 45.7080,
19.6600

 211.8750, 26.3580,
28.9340

 15.7760, 30.3500,
11.6460

 231.5200, 11.0000,
20.9200

 0.0000, 0.0000,
0.0000

 249.1300, 2.7500,

5.2300

■ 91.6310, 77.7960,
54.8840

■ 91.6310, 77.7960,
54.8840

■ 78.5230, 87.1480,
61.6120

■ 104.7390, 68.4440,
48.1560

■ 68.6920, 94.1620,
66.6580

■ 117.9610, 58.7710,
41.7390

■ 131.0690, 49.4190,
35.0110

■ 144.1770, 40.0670,
28.2830

■ 157.2850, 30.7150,
21.5550

■ 170.5070, 21.0420,
15.1380

■ 183.6150, 11.6900,
8.4100

■ 196.7230, 2.3380,
1.6820

■ 209.8310, -7.0140,
-5.0460

Harmonies

Analogous

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



102.6500, 41.2540, 56.3420



91.6310, 77.7960, 54.8840



95.8230, 84.8620, 25.9340

Triad

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



91.6310, 77.7960, 54.8840



88.9780, 3.9520, -49.6160



96.2720, -100.2260, -0.7860

Complementary

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



91.6310, 77.7960, 54.8840



143.3690, -77.7960, -54.8840

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.



94.8750, -89.4030, -15.2190



91.6310, 77.7960, 54.8840



81.0470, -53.2220, -48.6940

Square

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



91.6310, 77.7960, 54.8840



98.6890, 42.0950, -30.5210



89.3060, -72.3440, -32.5360



89.1940, -99.5860, 9.6460

Rectangle

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



91.6310, 77.7960, 54.8840



97.5780, 83.0330, -1.5030



89.3060, -72.3440, -32.5360



96.3060, -97.5660, -4.9420

Sweetspot

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



91.6310, 77.7960, 54.8840



212.9860, 30.1190, 21.3430



83.4110, 6.0390, 72.3030



102.3710, 18.4290, 12.9330



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.



91.6310, 77.7960, 54.8840



89.5200, 118.7340, 83.9020



93.7270, 93.9400, 26.6120



93.0330, 4.4010, 2.8410



55.9190, 76.9250, 54.1490



12.3600, 16.9620, 11.9860

Inverse Universe

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



91.6310, 77.7960, 54.8840



89.5200, 118.7340, 83.9020



141.2730, -93.9400, -26.6120



93.0330, 4.4010, 2.8410



55.9190, 76.9250, 54.1490



12.3600, 16.9620, 11.9860

Previews

White Background



This preview shows how the YIQ color 91.6310, 77.7960, 54.8840 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 91.6310, 77.7960, 54.8840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

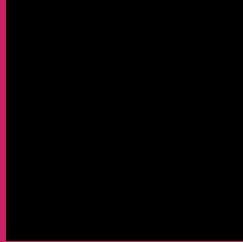
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.6310, 77.7960, 54.8840

Background



This preview shows how black text looks on a background with the YIQ color 91.6310, 77.7960, 54.8840.



This preview shows how white text looks on a background with the YIQ color 91.6310, 77.7960,

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

91.6310, 77.7960, 54.8840

Protanopia

107.4410, -14.1230, 8.1570

Deuteranopia

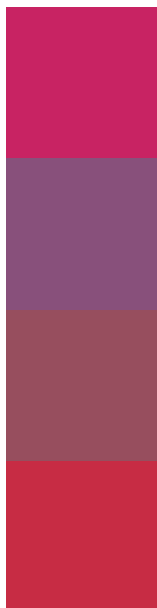
107.6120, 15.7720, 0.5080



Tritanopia

93.7790, 88.1620, 32.2100

Trichromacy



Original Color

91.6310, 77.7960, 54.8840

Protanomaly

101.6460, 19.5730, 25.2450

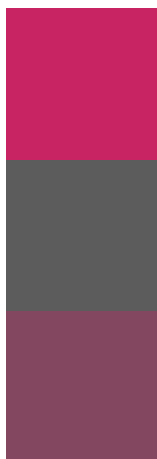
Deuteranomaly

101.6510, 38.3720, 20.4520

Tritanomaly

93.0810, 84.6760, 40.3240

Monochromacy



Original Color

91.6310, 77.7960, 54.8840

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

91.6760, 28.0560, 20.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.6310, 77.7960, 54.8840 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(200, 35, 99)` looks like.

```
.text, #text, p{  
    color:rgb(200, 35, 99)  
}
```

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(200, 35, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 35, 99) }
```

Border

The CSS property to change the border of an element to YIQ 91.6310, 77.7960, 54.8840 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(200, 35, 99) }
```


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

```
.border{ border-color:rgb(200, 35, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 35, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 35, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 35, 99);  
box-shadow:4px 4px 4px 4px rgb(200, 35,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 91.6310, 77.7960, 54.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 35, 99) }
```

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

```
.background{ background-color: rgb(200, 35,  
99) }
```

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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