

Converting Colors

YIQ(96.4240, 83.1130, 63.1530)

Have a look what the booklet for
YIQ(96.4240, 83.1130, 63.1530)
contains.

YIQ(96.4240, 83.1130, 63.1530)	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(96.4240, 83.1130,
63.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	D72170
RGB	215, 33, 112
RGB Percent	84%, 13%, 44%
CMY	0.1564, 0.8708, 0.5605
CMYK	0.00, 0.85, 0.48, 0.16
HSL	334°, 73%, 49%
HSV	334°, 85%, 84%
XYZ	31.5306, 16.7206, 16.9148
YIQ	96.4240, 83.1130, 63.1530

Conversions

Conversions Part 2

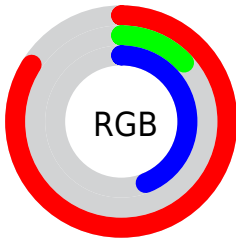
Format	Color
R_{YB}	215, 33, 112
Decimal	14098800
CIE _{Lab}	47.91, 70.67, 2.67
CIE _{LCh}	48, 70.720, 2.163
Yxy	16.7206, 0.4839, 0.2566
Android (android.graphics.Color)	4292288880 (0xFFD72170)
YUV	96.4240, 7.6790, 103.9912
Hunter-Lab	40.8908, 66.0815, 4.0978

Details

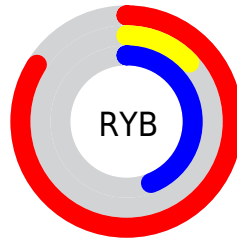
The YIQ color **96.4240, 83.1130, 63.1530** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **151.5760, -83.1130, -63.1530**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1140, 71.8820, 51.9300**, and **53.4560, 70.9190, 52.8630** is the 20% darker color. If you saturate the color by 10%, you get **82.1420, 93.0150, 70.9270**, and if you desaturate by 10%, it is **110.1190, 73.4860, 55.9020**.

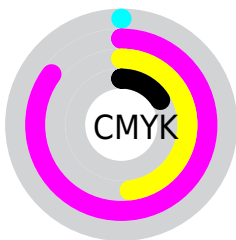
Distribution



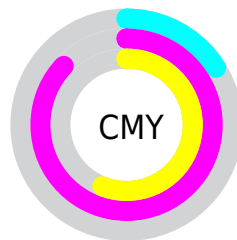
- Red (84%)
- Green (13%)
- Blue (44%)



- Red (84%)
- Yellow (13%)
- Blue (44%)



- Cyan (0%)
- Magenta (85%)
- Yellow (48%)
- Black (16%)





- Cyan (16%)
- Magenta (87%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.4240, 83.1130, 63.1530 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 96.4240, 83.1130, 63.1530 by changing the saturation by 10% instead.


 96.4240, 83.1130,
63.1530


 96.4240, 83.1130,
63.1530


255.0000, -0.0000,
-0.0000


 65.0480, 81.4160,
66.3760


 154.2280, 71.5610,
52.2410


 53.4560, 70.9190,
52.8630


 174.9160, 54.6440,
44.9480

 41.9780, 60.1010,
39.6610


 195.0170, 38.0020,
38.1780

 30.7280, 48.6410,
27.0810

 215.3460, 20.7180,
32.0300

 20.0760, 38.3730,
14.9250

 233.8680, 9.9000,
18.8280

 9.6820, 18.7510,
7.0950

 251.4780, 1.6500,

 0.0000, 0.0000,

3.1380

0.0000

■ 96.4240, 83.1130,
63.1530

■ 96.4240, 83.1130,
63.1530

■ 82.1420, 93.0150,
70.9270

■ 110.1190, 73.4860,
55.9020

■ 74.8870, 98.2870,
74.5030

■ 124.4010, 63.5840,
48.1280

■ 138.2100, 53.6360,
41.1880

■ 152.4920, 43.7340,
33.4140

■ 166.7740, 33.8320,
25.6400

■ 180.4690, 24.2050,
18.3890

■ 194.7510, 14.3030,
10.6150

■ 208.4460, 4.6760,
3.3640

■ 222.8420, -5.5470,
-4.0990

Harmonies

Analogous

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



110.6270, 40.0610, 61.4450



96.4240, 83.1130, 63.1530



101.2310, 92.7010, 32.5490

Triad

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



96.4240, 83.1130, 63.1530



96.9630, 8.3080, -51.4680



103.7380, -107.4700, -1.6620

Complementary

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



96.4240, 83.1130, 63.1530



151.5760, -83.1130, -63.1530

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.



101.6570, -94.7210, -17.9610



96.4240, 83.1130, 63.1530



85.8740, -54.4130, -54.6450

Square

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



96.4240, 83.1130, 63.1530



106.3970, 48.7890, -30.6910



94.9310, -75.7820, -36.3100



97.1160, -108.1140, 10.0140

Rectangle

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



96.4240, 83.1130, 63.1530



104.5190, 90.6890, 2.9210



94.9310, -75.7820, -36.3100



103.5440, -104.1680, -6.4400

Sweetspot

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



96.4240, 83.1130, 63.1530



213.3280, 29.1560, 22.2760



83.6480, 1.1780, 77.8020



102.5990, 17.7870, 13.5550



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.



96.4240, 83.1130, 63.1530



88.8990, 116.3490, 88.5810



92.7010, 105.9970, 33.8770



99.8590, 4.9510, 3.8870



59.5650, 78.1620, 59.2660



15.0230, 19.5290, 15.0250

Inverse Universe

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



96.4240, 83.1130, 63.1530



88.8990, 116.3490, 88.5810



155.2990, -105.9970, -33.8770



99.8590, 4.9510, 3.8870



59.5650, 78.1620, 59.2660



15.0230, 19.5290, 15.0250

Previews

White Background



This preview shows how the YIQ color 96.4240, 83.1130, 63.1530 looks on a white background.

Color Contrast Check

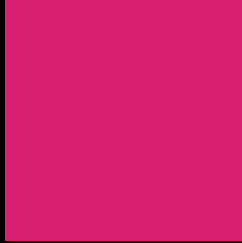
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.4240, 83.1130, 63.1530 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 96.4240, 83.1130, 63.1530

Background



This preview shows how black text looks on a background with the YIQ color 96.4240, 83.1130, 63.1530.



This preview shows how white text looks on a background with the YIQ color 96.4240, 83.1130,

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

96.4240, 83.1130, 63.1530

Protanopia

114.6130, -20.3590, 11.0410

Deuteranopia

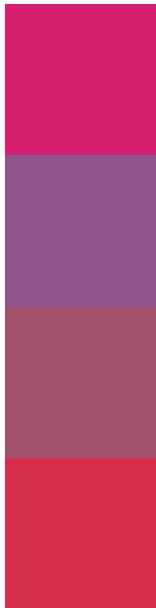
115.1820, 14.1670, 2.0630



Tritanopia

100.0680, 94.7180, 34.5420

Trichromacy



Original Color

96.4240, 83.1130, 63.1530

Protanomaly

108.0250, 17.1880, 29.9240

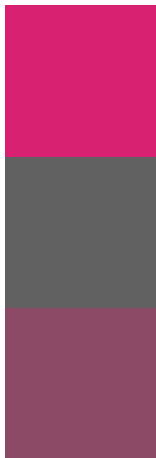
Deuteranomaly

108.3570, 39.3800, 24.2120

Tritanomaly

98.6520, 90.4980, 44.9460

Monochromacy



Original Color

96.4240, 83.1130, 63.1530

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.0400, 30.0270, 23.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.4240, 83.1130, 63.1530 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(215, 33, 112)` looks like.

```
.text, #text, p{  
    color:rgb(215, 33, 112)  
}
```

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(215, 33, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 33, 112) }
```

Border

The CSS property to change the border of an element to YIQ 96.4240, 83.1130, 63.1530 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(215, 33, 112) }
```


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

```
.border{ border-color:rgb(215, 33, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 33, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 33, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 33, 112);  
box-shadow:4px 4px 4px 4px rgb(215, 33,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 96.4240, 83.1130, 63.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 33, 112) }
```

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

```
.background{ background-color: rgb(215, 33,  
112) }
```

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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