

Converting Colors

YIQ(99.5730, 83.7110, 52.3110)

Have a look what the booklet for
YIQ(99.5730, 83.7110, 52.3110)
contains.

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Color

**YIQ(99.5730, 83.7110,
52.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	D42B60
RGB	212, 43, 96
RGB Percent	83%, 17%, 38%
CMY	0.1682, 0.8316, 0.6232
CMYK	0.00, 0.80, 0.55, 0.17
HSL	341°, 66%, 50%
HSV	341°, 80%, 83%
XYZ	30.1594, 16.5820, 12.6953
YIQ	99.5730, 83.7110, 52.3110

Conversions

Conversions Part 2

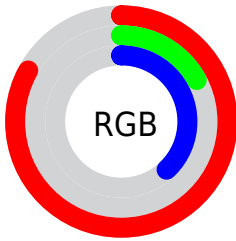
Format	Color
RYB	212, 43, 96
Decimal	13904736
CIELab	47.73, 66.34, 12.17
CIElCh	48, 67.447, 10.396
Yxy	16.5820, 0.5074, 0.2790
Android (android.graphics.Color)	4292094816 (0xFFD42B60)
YUV	99.5730, -1.7615, 98.5985
Hunter-Lab	40.7211, 60.9414, 10.0203

Details

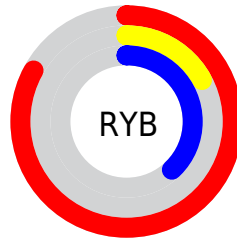
The YIQ color **99.5730, 83.7110, 52.3110** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **155.4270, -83.7110, -52.3110**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.1110, 75.9640, 44.0280**, and **50.8490, 73.9460, 47.5620** is the 20% darker color. If you saturate the color by 10%, you get **85.6500, 93.9800, 58.9400**, and if you desaturate by 10%, it is **113.6100, 73.1210, 45.9930**.

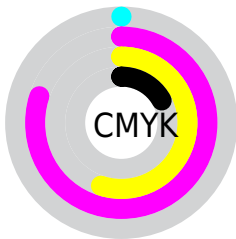
Distribution



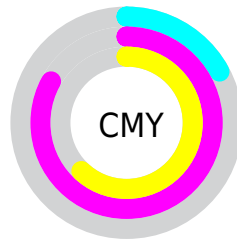
- Red (83%)
- Green (17%)
- Blue (38%)



- Red (83%)
- Yellow (17%)
- Blue (38%)



- Cyan (0%)
- Magenta (80%)
- Yellow (55%)
- Black (17%)





- Cyan (17%)
- Magenta (83%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.5730, 83.7110, 52.3110 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 99.5730, 83.7110, 52.3110 by changing the saturation by 10% instead.


 99.5730, 83.7110,
52.3110


 99.5730, 83.7110,
52.3110


255.0000, -0.0000,
-0.0000


 62.4410, 84.4430,
61.0750


 155.1110, 75.9640,
44.0280


 50.8490, 73.9460,
47.5620


 175.2120, 59.3220,
37.2580

 39.3000, 61.8900,
34.7700


 195.3130, 42.6800,
30.4880

 27.6650, 52.9520,
20.5360

 215.5280, 25.7170,
24.0290

 18.8800, 35.9890,
14.0770

 235.6290, 9.0750,
17.2590

 7.8880, 15.1750,
5.8230

 253.2390, 0.8250,

 0.0000, 0.0000,

1.5690

0.0000

■ 99.5730, 83.7110,
52.3110

■ 99.5730, 83.7110,
52.3110

■ 85.6500, 93.9800,
58.9400

■ 113.6100, 73.1210,
45.9930

■ 71.6130, 104.5700,
65.2580

■ 127.5330, 62.8520,
39.3640

■ 71.0260, 104.8450,
65.7810

■ 142.1570, 51.9870,
32.5230

■ 156.0800, 41.7180,
25.8940

■ 170.1170, 31.1280,
19.5760

■ 184.0400, 20.8590,
12.9470

■ 198.0770, 10.2690,
6.6290

■ 212.5870, -0.2750,
-0.5230

■ 226.6240,
-10.8650, -6.8410

Harmonies

Analogous

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



108.3200, 51.1110, 59.4230



99.5730, 83.7110, 52.3110



104.3900, 87.3390, 19.5870

Triad

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



99.5730, 83.7110, 52.3110



92.2710, -4.4830, -56.4430



101.5040, -106.6910, 0.7410

Complementary

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



99.5730, 83.7110, 52.3110



155.4270, -83.7110, -52.3110

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.



101.6230, -97.3810, -13.8050



99.5730, 83.7110, 52.3110



88.0400, -60.5120, -48.7360

Square

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



99.5730, 83.7110, 52.3110



104.2600, 38.7490, -35.9630



96.0540, -80.3220, -31.1220



92.6820, -103.8960, 10.6640

Rectangle

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



99.5730, 83.7110, 52.3110



105.4760, 83.0800, -7.8640



96.0540, -80.3220, -31.1220



102.2390, -104.6270, -3.6270

Sweetspot

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



99.5730, 83.7110, 52.3110



214.4050, 30.2570, 18.8410



96.9500, 14.8870, 77.1510



103.3170, 18.5210, 11.2650



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.



99.5730, 83.7110, 52.3110



92.0330, 121.3030, 75.8870



111.7280, 92.1990, 19.6150



99.7450, 5.2720, 3.5760



57.2850, 84.5820, 53.0460



14.4530, 21.1340, 13.4700

Inverse Universe

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



99.5730, 83.7110, 52.3110



92.0330, 121.3030, 75.8870



143.2720, -92.1990, -19.6150



99.7450, 5.2720, 3.5760



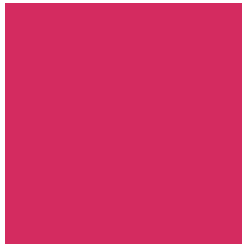
57.2850, 84.5820, 53.0460



14.4530, 21.1340, 13.4700

Previews

White Background



This preview shows how the YIQ color 99.5730, 83.7110, 52.3110 looks on a white background.

Color Contrast Check

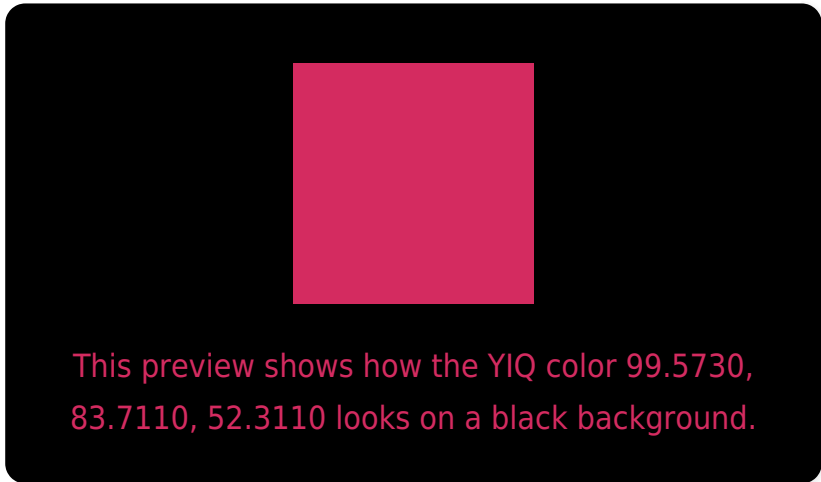
Large Text (above 18pt) WCAG AA ✓ Pass

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

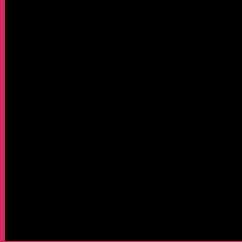
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.5730, 83.7110, 52.3110

Background



This preview shows how black text looks on a background with the YIQ color 99.5730, 83.7110, 52.3110.

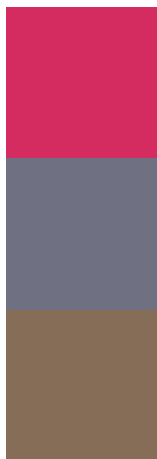


This preview shows how white text looks on a background with the YIQ color 99.5730, 83.7110,

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

99.5730, 83.7110, 52.3110

Protanopia

114.4540, -6.9700, 5.1740

Deuteranopia

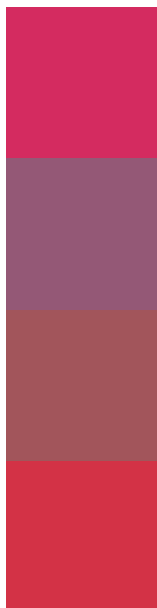
114.0810, 21.6410, -1.2310



Tritanopia

100.7580, 92.6550, 33.3830

Trichromacy



Original Color

99.5730, 83.7110, 52.3110

Protanomaly

109.3600, 26.1300, 22.0500

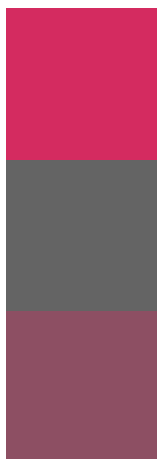
Deuteranomaly

108.7070, 43.9660, 18.1900

Tritanomaly

100.4190, 89.5360, 40.3520

Monochromacy



Original Color

99.5730, 83.7110, 52.3110

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.8180, 30.5320, 19.3640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.5730, 83.7110, 52.3110 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(212, 43, 96)` looks like.

```
.text, #text, p{  
    color:rgb(212, 43, 96)  
}
```

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(212, 43, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 43, 96) }
```

Border

The CSS property to change the border of an element to YIQ 99.5730, 83.7110, 52.3110 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(212, 43, 96) }
```


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

```
.border{ border-color:rgb(212, 43, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 43, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 43, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 43, 96);  
box-shadow:4px 4px 4px 4px rgb(212, 43,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 99.5730, 83.7110, 52.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 43, 96) }
```

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

```
.background{ background-color: rgb(212, 43,  
96) }
```

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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