

Converting Colors

YIQ(100.8660, 75.2760, 45.4840)

Have a look what the booklet for
YIQ(100.8660, 75.2760, 45.4840)
contains.

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Color

**YIQ(100.8660, 75.2760,
45.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	C9335F
RGB	201, 51, 95
RGB Percent	79%, 20%, 37%
CMY	0.2114, 0.8002, 0.6272
CMYK	0.00, 0.75, 0.53, 0.21
HSL	342°, 60%, 49%
HSV	342°, 75%, 79%
XYZ	27.3635, 15.6207, 12.4154
YIQ	100.8660, 75.2760, 45.4840

Conversions

Conversions Part 2

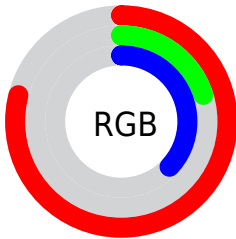
Format	Color
R_{YB}	201, 51, 95
Decimal	13185887
CIE Lab	46.47, 60.87, 10.73
CIE LCh	46, 61.811, 9.995
Yxy	15.6207, 0.4939, 0.2820
Android (android.graphics.Color)	4291375967 (0xFFC9335F)
YUV	100.8660, -2.8919, 87.8175
Hunter-Lab	39.5230, 54.4177, 9.0412

Details

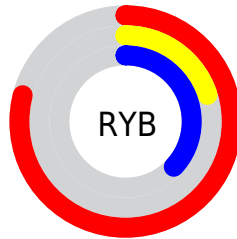
The YIQ color **100.8660, 75.2760, 45.4840** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **151.1340, -75.2760, -45.4840**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3450, 75.1850, 41.6250**, and **47.7450, 68.3070, 45.1310** is the 20% darker color. If you saturate the color by 10%, you get **87.5300, 85.2700, 51.5900**, and if you desaturate by 10%, it is **114.2020, 65.2820, 39.3780**.

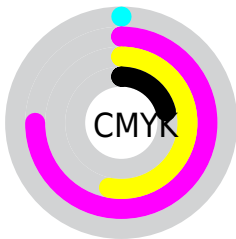
Distribution



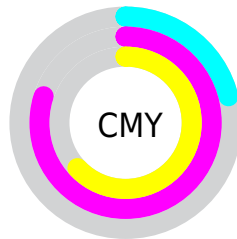
- Red (79%)
- Green (20%)
- Blue (37%)



- Red (79%)
- Yellow (20%)
- Blue (37%)



- Cyan (0%)
- Magenta (75%)
- Yellow (53%)
- Black (21%)



- Cyan (21%)
- Magenta (80%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 100.8660, 75.2760, 45.4840 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 100.8660, 75.2760, 45.4840 by changing the saturation by 10% instead.


 100.8660, 75.2760,
45.4840


 100.8660, 75.2760,
45.4840


255.0000, -0.0000,
-0.0000


 63.4460, 76.8790,
54.9830


 157.3450, 75.1850,
41.6250


 47.7450, 68.3070,
45.1310


 176.8590, 58.8180,
35.3780

 36.4950, 56.8470,
32.5510


 196.3730, 42.4510,
29.1310

 25.0450, 48.8260,
18.2180

 216.5880, 25.4880,
22.6720

 16.3740, 31.5420,
12.0700

 237.3900, 8.2500,
15.6900

 2.0930, 4.1720,
1.4840

254.4130, 0.2750,

 0.0000, 0.0000,

0.5230

0.0000

■ 100.8660, 75.2760,
45.4840

■ 100.8660, 75.2760,
45.4840

■ 87.5300, 85.2700,
51.5900

■ 114.2020, 65.2820,
39.3780

■ 74.1940, 95.2640,
57.6960

■ 127.5380, 55.2880,
33.2720

■ 66.8250, 100.8570,
60.9610

■ 140.9880, 44.9730,
27.4770

■ 154.3240, 34.9790,
21.3710

■ 167.6600, 24.9850,
15.2650

■ 181.5830, 14.7160,
8.6360

■ 194.9190, 4.7220,
2.5300

■ 208.3690, -5.5930,
-3.2650

■ 221.7050,
-15.5870, -9.3710

Harmonies

Analogous

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



107.5810, 45.7020, 52.8220



100.8660, 75.2760, 45.4840



103.4430, 79.8200, 18.1880

Triad

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



100.8660, 75.2760, 45.4840



92.4270, -4.6220, -48.4140



97.0870, -101.1430, -0.6870

Complementary

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



100.8660, 75.2760, 45.4840



151.1340, -75.2760, -45.4840

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.



97.5480, -92.7960, -14.3000



100.8660, 75.2760, 45.4840



85.1050, -59.1370, -46.1210

Square

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



100.8660, 75.2760, 45.4840



101.3140, 38.6570, -34.2950



92.5490, -77.3420, -30.0620



89.4390, -98.8980, 8.1900

Rectangle

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



100.8660, 75.2760, 45.4840



103.7080, 76.6150, -6.3370



92.5490, -77.3420, -30.0620



97.9360, -99.4000, -4.7440

Sweetspot

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



100.8660, 75.2760, 45.4840



217.5680, 28.2400, 16.8480



99.4950, 14.4300, 68.9100



105.3060, 17.0540, 10.3180



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.



100.8660, 75.2760, 45.4840



101.5220, 115.2520, 69.9080



113.4600, 81.1500, 16.1100



92.9190, 4.7220, 2.5300



54.2090, 81.7400, 49.4840



11.9040, 18.2460, 10.7420

Inverse Universe

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



100.8660, 75.2760, 45.4840



101.5220, 115.2520, 69.9080



138.5400, -81.1500, -16.1100



92.9190, 4.7220, 2.5300



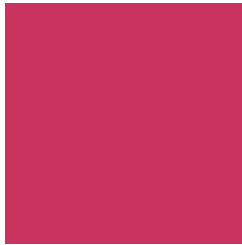
54.2090, 81.7400, 49.4840



11.9040, 18.2460, 10.7420

Previews

White Background



This preview shows how the YIQ color 100.8660, 75.2760, 45.4840 looks on a white background.

Color Contrast Check

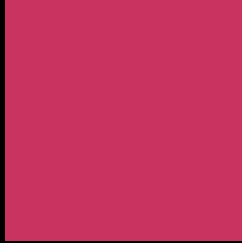
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.8660, 75.2760, 45.4840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

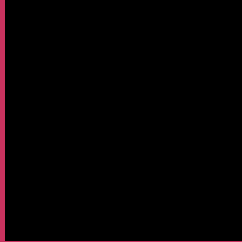
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.8660, 75.2760, 45.4840

Background



This preview shows how black text looks on a background with the YIQ color 100.8660, 75.2760, 45.4840.

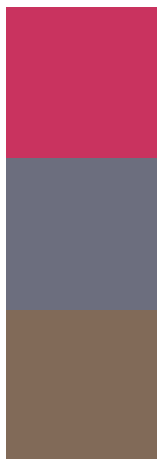


This preview shows how white text looks on a background with the YIQ color 100.8660, 75.2760,

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

100.8660, 75.2760, 45.4840

Protanopia

111.2260, -6.3280, 4.5520

Deuteranopia

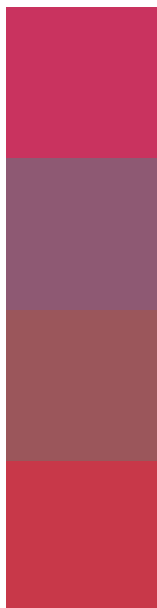
110.8250, 19.4860, -0.7220



Tritanopia

101.0880, 82.7980, 30.3020

Trichromacy



Original Color

100.8660, 75.2760, 45.4840

Protanomaly

107.8110, 23.2420, 19.3220

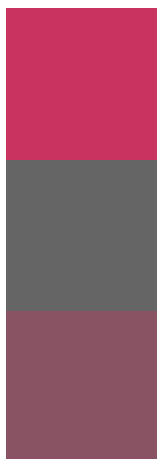
Deuteranomaly

107.2010, 39.5190, 16.1830

Tritanomaly

100.9940, 80.3670, 35.8150

Monochromacy



Original Color

100.8660, 75.2760, 45.4840

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.9700, 27.0480, 16.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.8660, 75.2760, 45.4840 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(201, 51, 95)` looks like.

```
.text, #text, p{  
    color:rgb(201, 51, 95)  
}
```

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(201, 51, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 51, 95) }
```

Border

The CSS property to change the border of an element to YIQ 100.8660, 75.2760, 45.4840 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(201, 51, 95) }
```


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

```
.border{ border-color:rgb(201, 51, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 51, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 51, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 51, 95);  
box-shadow:4px 4px 4px 4px rgb(201, 51,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 100.8660, 75.2760, 45.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 51, 95) }
```

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

```
.background{ background-color: rgb(201, 51,  
95) }
```

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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