

Converting Colors

YIQ(104.4260, 62.4360, 57.9240)

Have a look what the booklet for
YIQ(104.4260, 62.4360, 57.9240)
contains.

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Color

**YIQ(104.4260, 62.4360,
57.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	C83286
RGB	200, 50, 134
RGB Percent	78%, 20%, 53%
CMY	0.2153, 0.8041, 0.4743
CMYK	0.00, 0.75, 0.33, 0.22
HSL	326°, 60%, 49%
HSV	326°, 75%, 78%
XYZ	29.2915, 16.2921, 24.1722
YIQ	104.4260, 62.4360, 57.9240

Conversions

Conversions Part 2

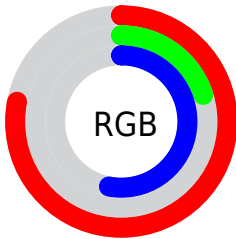
Format	Color
R _Y B	200, 50, 134
Decimal	13120134
CIE Lab	47.36, 64.65, -11.87
CIE LCh	47, 65.728, 349.598
Yxy	16.2921, 0.4199, 0.2336
Android (android.graphics.Color)	4291310214 (0xFFC83286)
YUV	104.4260, 14.5800, 83.8184
Hunter-Lab	40.3635, 58.9004, -7.2521

Details

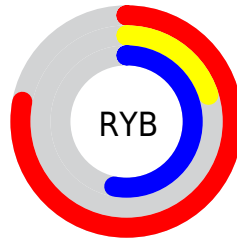
The YIQ color **104.4260, 62.4360, 57.9240** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **145.5740, -62.4360, -57.9240**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **162.1330, 61.7030, 54.6870**, and **51.7350, 57.0720, 56.0160** is the 20% darker color. If you saturate the color by 10%, you get **91.6600, 70.8250, 65.5850**, and if you desaturate by 10%, it is **117.1920, 54.0470, 50.2630**.

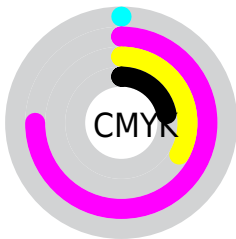
Distribution



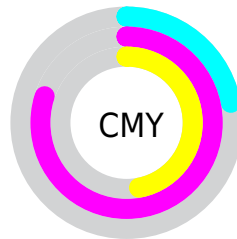
- Red (78%)
- Green (20%)
- Blue (53%)



- Red (78%)
- Yellow (20%)
- Blue (53%)



- Cyan (0%)
- Magenta (75%)
- Yellow (33%)
- Black (22%)




- Cyan (22%)
- Magenta (80%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.4260, 62.4360, 57.9240 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 104.4260, 62.4360, 57.9240 by changing the saturation by 10% instead.


 104.4260, 62.4360,
57.9240


 104.4260, 62.4360,
57.9240


255.0000, -0.0000,
-0.0000


 63.8430, 66.0560,
69.4160


 162.1330, 61.7030,
54.6870


 51.7350, 57.0720,
56.0160


 182.3480, 44.7400,
48.2280

 40.7410, 47.7670,
42.9270


 201.9760, 28.0520,
42.2920

 29.5620, 37.5450,
29.9370

 220.3670, 16.2250,
30.8570

 19.3940, 28.7900,
17.8940

 237.9770, 7.9750,
15.1670

 6.5780, 13.1120,
4.6640

 0.0000, 0.0000,

0.0000

■ 104.4260, 62.4360,
57.9240

■ 104.4260, 62.4360,
57.9240

■ 91.6600, 70.8250,
65.5850

■ 117.1920, 54.0470,
50.2630

■ 78.8940, 79.2140,
73.2460

■ 129.9580, 45.6580,
42.6020

■ 72.5680, 83.2480,
77.2320

■ 142.6100, 37.5900,
34.6300

■ 155.3760, 29.2010,
26.9690

■ 168.1420, 20.8120,
19.3080

■ 180.9080, 12.4230,
11.6470

■ 193.6740, 4.0340,
3.9860

■ 206.3260, -4.0340,
-3.9860

■ 219.0920,
-12.4230, -11.6470

Harmonies

Analogous

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



114.1180, 13.3330, 50.2370



104.4260, 62.4360, 57.9240



100.5480, 84.8590, 42.5150

Triad

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



104.4260, 62.4360, 57.9240



101.5250, 27.5170, -41.6590



101.0020, -99.7660, -9.1260

Complementary

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



104.4260, 62.4360, 57.9240



145.5740, -62.4360, -57.9240

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.



97.2910, -85.1830, -25.6230



104.4260, 62.4360, 57.9240



83.1220, -40.6120, -56.9640

Square

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



104.4260, 62.4360, 57.9240



105.9090, 62.2670, -21.6450



89.5050, -66.0150, -42.6150



98.6830, -105.6370, 3.6670

Rectangle

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



104.4260, 62.4360, 57.9240



104.1340, 85.1840, 20.0960



89.5050, -66.0150, -42.6150



99.9930, -95.5470, -14.0030

Sweetspot

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



104.4260, 62.4360, 57.9240



217.4030, 24.5710, 22.7710



86.5350, -9.4100, 60.4300



105.0440, 15.0360, 13.8520



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.



104.4260, 62.4360, 57.9240



108.4760, 95.6710, 88.8790



95.9900, 86.1900, 34.9100



93.2610, 3.7590, 3.4630



59.1110, 67.9370, 62.8570



13.0440, 15.0360, 13.8520

Inverse Universe

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



104.4260, 62.4360, 57.9240



108.4760, 95.6710, 88.8790



154.0100, -86.1900, -34.9100



93.2610, 3.7590, 3.4630



59.1110, 67.9370, 62.8570



13.0440, 15.0360, 13.8520

Previews

White Background



This preview shows how the YIQ color 104.4260, 62.4360, 57.9240 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 104.4260, 62.4360, 57.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

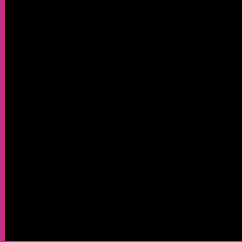
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.4260, 62.4360, 57.9240

Background



This preview shows how black text looks on a background with the YIQ color 104.4260, 62.4360, 57.9240.



This preview shows how white text looks on a background with the YIQ color 104.4260, 62.4360,

57.9240.

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

104.4260, 62.4360, 57.9240

Protanopia

111.9460, -34.2980, 15.8620

Deuteranopia

114.2160, -0.3680, 6.6720



Tritanopia

106.7280, 75.0040, 28.3800

Trichromacy



Original Color

104.4260, 62.4360, 57.9240

Protanomaly

109.1680, 0.7280, 30.8720

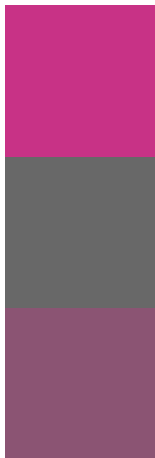
Deuteranomaly

110.6140, 22.5990, 25.4710

Tritanomaly

105.5400, 70.1420, 39.4060

Monochromacy



Original Color

104.4260, 62.4360, 57.9240

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.9790, 22.8290, 21.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.4260, 62.4360, 57.9240 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, 50, 134)` looks like.

```
.text, #text, p{  
    color:rgb(200, 50, 134)  
}
```

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, 50, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 50, 134) }
```

Border

The CSS property to change the border of an element to YIQ 104.4260, 62.4360, 57.9240 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, 50, 134) }
```


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

```
.border{ border-color:rgb(200, 50, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 50, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 50, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 50, 134);  
box-shadow:4px 4px 4px 4px rgb(200, 50,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 104.4260, 62.4360, 57.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 50, 134) }
```

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

```
.background{ background-color: rgb(200, 50,  
134) }
```

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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