

Converting Colors

YIQ(103.3080, 60.5530, 75.5370)

Have a look what the booklet for
YIQ(103.3080, 60.5530, 75.5370)
contains.

YIQ(103.3080, 60.5530, 75.5370)	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(103.3080, 60.5530,
75.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	D026A5
RGB	208, 38, 165
RGB Percent	82%, 15%, 65%
CMY	0.1838, 0.8512, 0.3528
CMYK	0.00, 0.82, 0.21, 0.18
HSL	315°, 69%, 48%
HSV	315°, 82%, 82%
XYZ	33.5328, 17.5274, 37.2303
YIQ	103.3080, 60.5530, 75.5370

Conversions

Conversions Part 2

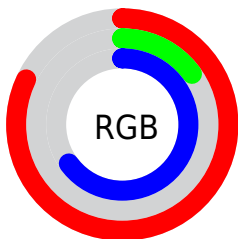
Format	Color
R_{YB}	208, 38, 165
Decimal	13641381
CIE _{Lab}	48.92, 73.48, -27.93
CIE _{LCh}	49, 78.612, 339.191
Yxy	17.5274, 0.3798, 0.1985
Android (android.graphics.Color)	4291831461 (0xFFD026A5)
YUV	103.3080, 30.4142, 91.8149
Hunter-Lab	41.8657, 69.7064, -23.4194

Details

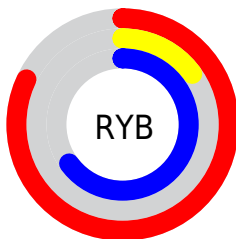
The YIQ color **103.3080, 60.5530, 75.5370** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **142.6920, -60.5530, -75.5370**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.9600, 52.4850, 67.5650**, and **57.4330, 52.5310, 66.7310** is the 20% darker color. If you saturate the color by 10%, you get **90.4110, 67.9330, 84.9650**, and if you desaturate by 10%, it is **116.2050, 53.1730, 66.1090**.

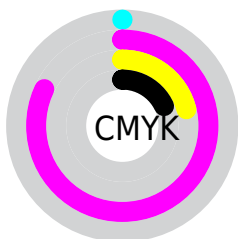
Distribution



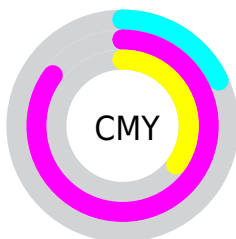
- Red (82%)
- Green (15%)
- Blue (65%)



- Red (82%)
- Yellow (15%)
- Blue (65%)



- Cyan (0%)
- Magenta (82%)
- Yellow (21%)
- Black (18%)





- Cyan (18%)
- Magenta (85%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.3080, 60.5530, 75.5370 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 103.3080, 60.5530, 75.5370 by changing the saturation by 10% instead.


 103.3080, 60.5530,
75.5370


 103.3080, 60.5530,
75.5370


255.0000, -0.0000,
-0.0000


 69.0680, 61.4690,
80.9650


 162.9600, 52.4850,
67.5650


 57.4330, 52.5310,
66.7310


 183.2890, 35.2010,
61.4170


 45.9120, 43.2720,
52.8080


 201.5830, 25.0250,
47.5930

 34.8040, 34.2880,
39.4080

 218.6060, 17.0500,
32.4260

 24.5220, 25.8540,
27.0540

 236.2160, 8.8000,
16.7360

 13.0440, 15.0360,
13.8520

253.8260, 0.5500,

 0.0000, 0.0000,

1.0460

0.0000

■ 103.3080, 60.5530,
75.5370

■ 103.3080, 60.5530,
75.5370

■ 90.4110, 67.9330,
84.9650

■ 116.2050, 53.1730,
66.1090

■ 79.8620, 74.2130,
92.3010

■ 129.2160, 45.4720,
56.9920

■ 141.5260, 38.3670,
48.0870

■ 154.4230, 30.9870,
38.6590

■ 167.3200, 23.6070,
29.2310

■ 180.3310, 15.9060,
20.1140

■ 193.2280, 8.5260,
10.6860

■ 205.5380, 1.4210,
1.7810

■ 218.4350, -5.9590,
-7.6470

Harmonies

Analogous

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



118.1230, -11.4260, 52.9100



103.3080, 60.5530, 75.5370



80.0560, 105.3010, 79.5490

Triad

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



103.3080, 60.5530, 75.5370



107.2170, 40.3080, -36.6840



106.7410, -103.5250, -12.5890

Complementary

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



103.3080, 60.5530, 75.5370



142.6920, -60.5530, -75.5370

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.



100.0320, -83.2560, -33.0160



103.3080, 60.5530, 75.5370



90.9170, -12.4140, -61.3900

Square

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



103.3080, 60.5530, 75.5370



108.9870, 79.9630, -11.9490



90.1770, -59.6400, -53.5280



107.4200, -115.0820, 4.1340

Rectangle

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



103.3080, 60.5530, 75.5370



95.6660, 105.0780, 45.0300



90.1770, -59.6400, -53.5280



105.0480, -97.3800, -19.3320

Sweetspot

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



103.3080, 60.5530, 75.5370



215.6080, 22.7360, 28.4960



69.9380, -29.5380, 61.7740



103.9670, 13.9350, 17.2870



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.



103.3080, 60.5530, 75.5370



101.0680, 88.9730, 111.1570



93.6180, 87.8380, 49.1020



98.2010, 3.9880, 4.8200



64.5960, 59.6820, 74.8020



15.6790, 14.8060, 18.0220

Inverse Universe

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



103.3080, 60.5530, 75.5370



101.0680, 88.9730, 111.1570



152.3820, -87.8380, -49.1020



98.2010, 3.9880, 4.8200



64.5960, 59.6820, 74.8020



15.6790, 14.8060, 18.0220

Previews

White Background



This preview shows how the YIQ color 103.3080, 60.5530, 75.5370 looks on a white background.

Color Contrast Check

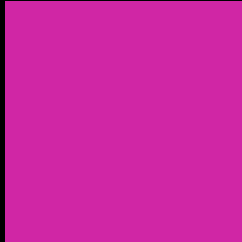
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.3080, 60.5530, 75.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

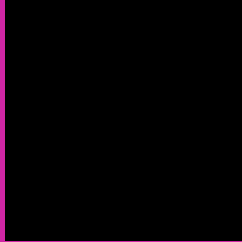
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 103.3080, 60.5530, 75.5370

Background



This preview shows how black text looks on a background with the YIQ color 103.3080, 60.5530, 75.5370.



This preview shows how white text looks on a background with the YIQ color 103.3080, 60.5530,

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

103.3080, 60.5530, 75.5370

Protanopia

108.0130, -70.7950, 22.0130

Deuteranopia

117.1680, -17.6080, 10.7440



Tritanopia

111.0270, 75.6000, 28.5920

Trichromacy



Original Color

103.3080, 60.5530, 75.5370



Protanomaly

106.5140, -23.2530, 41.4750



Deuteranomaly

112.2510, 10.8600, 34.4760



Tritanomaly

108.5280, 70.4160, 45.4560

Monochromacy



Original Color

103.3080, 60.5530, 75.5370



Achromatopsia

103.0000, -0.0000, 0.0000



Achromatomaly

102.8960, 21.8650, 27.7610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.3080, 60.5530, 75.5370 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(208, 38, 165)` looks like.

```
.text, #text, p{  
    color:rgb(208, 38, 165)  
}
```

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(208, 38, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 38, 165) }
```

Border

The CSS property to change the border of an element to YIQ 103.3080, 60.5530, 75.5370 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(208, 38, 165) }
```


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

```
.border{ border-color:rgb(208, 38, 165) }
```

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

Here you see how a box with a 4 pixel rgb(208, 38, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 38, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 38, 165);  
box-shadow:4px 4px 4px 4px rgb(208, 38,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 103.3080, 60.5530, 75.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 38, 165) }
```

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

```
.background{ background-color: rgb(208, 38,  
165) }
```

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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