

# Converting Colors

YIQ(102.3030, 76.1440, 62.8000)

Have a look what the booklet for  
YIQ(102.3030, 76.1440, 62.8000)  
contains.

<b>YIQ(102.3030, 76.1440, 62.8000)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(102.3030, 76.1440,  
62.8000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6297D
RGB	214, 41, 125
RGB Percent	84%, 16%, 49%
CMY	0.1603, 0.8394, 0.5096
CMYK	0.00, 0.81, 0.42, 0.16
HSL	331°, 68%, 50%
HSV	331°, 81%, 84%
XYZ	32.2621, 17.3770, 21.0760
YIQ	102.3030, 76.1440, 62.8000

# Conversions

## Conversions Part 2

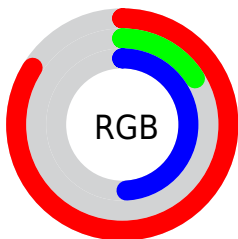
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 41, 125
Decimal	14035325
CIE <sub>Lab</sub>	48.73, 69.77, -4.09
CIE <sub>LCh</sub>	49, 69.886, 356.648
Yxy	17.3770, 0.4562, 0.2457
Android (android.graphics.Color)	4292225405 (0xFFD6297D)
YUV	102.3030, 11.1896, 97.9583
Hunter-Lab	41.6858, 65.1973, -0.7965

# Details

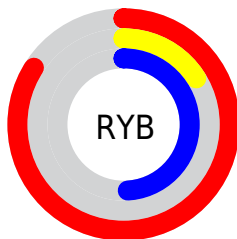
The YIQ color **102.3030, 76.1440, 62.8000** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **152.6970, -76.1440, -62.8000**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.6450, 66.0130, 53.6690**, and **54.7100, 67.3880, 56.2840** is the 20% darker color. If you saturate the color by 10%, you get **88.7220, 85.4500, 70.3620**, and if you desaturate by 10%, it is **115.8840, 66.8380, 55.2380**.

# Distribution



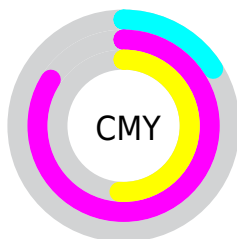
- Red (84%)
- Green (16%)
- Blue (49%)



- Red (84%)
- Yellow (16%)
- Blue (49%)



- Cyan (0%)
- Magenta (81%)
- Yellow (42%)
- Black (16%)




- Cyan (16%)
- Magenta (84%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 102.3030, 76.1440, 62.8000 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 102.3030, 76.1440, 62.8000 by changing the saturation by 10% instead.




 102.3030, 76.1440,  
62.8000


 102.3030, 76.1440,  
62.8000


255.0000, -0.0000,  
-0.0000


 66.4160, 77.5640,  
70.1080


 158.7590, 65.6920,  
53.9800


 54.7100, 67.3880,  
56.2840


 178.8600, 49.0500,  
47.2100


 43.2320, 56.5700,  
43.0820


 199.0750, 32.0870,  
40.7510

 32.1670, 46.0270,  
30.4030

 219.1930, 16.7750,  
31.9030

 21.2440, 37.9600,  
16.9040

 236.2160, 8.8000,  
16.7360

 10.5790, 20.5390,  
7.7310

253.8260, 0.5500,

 0.0000, 0.0000,

1.0460

0.0000

■ 102.3030, 76.1440,  
62.8000

■ 102.3030, 76.1440,  
62.8000

■ 88.7220, 85.4500,  
70.3620

■ 115.8840, 66.8380,  
55.2380

■ 75.8420, 94.1600,  
77.7120

■ 130.0520, 57.2570,  
47.1530

■ 143.6330, 47.9510,  
39.5910

■ 157.8010, 38.3700,  
31.5060

■ 171.3820, 29.0640,  
23.9440

■ 184.9630, 19.7580,  
16.3820

■ 199.1310, 10.1770,  
8.2970

■ 212.7120, 0.8710,  
0.7350

■ 226.8800, -8.7100,  
-7.3500

# Harmonies

## Analogous

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



115.3590, 29.0120, 57.9400



102.3030, 76.1440, 62.8000



103.0340, 92.0580, 38.6980

# Triad

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



102.3030, 76.1440, 62.8000



101.7470, 17.8440, -48.0760



104.9290, -106.6900, -4.7860

# Complementary

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



102.3030, 76.1440, 62.8000



152.6970, -76.1440, -62.8000

# 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.



101.9190, -92.7030, -21.4950



102.3030, 76.1440, 62.8000



85.4350, -51.7990, -57.9670

# Square

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



102.3030, 76.1440, 62.8000



108.8110, 56.4910, -27.1010



94.9650, -73.1220, -40.4660



100.1650, -109.8100, 7.7100



# Rectangle

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



102.3030, 76.1440, 62.8000



107.0170, 89.5870, 11.8830



94.9650, -73.1220, -40.4660



104.5070, -102.7460, -10.1860

# Sweetspot

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



102.3030, 76.1440, 62.8000



215.6590, 26.7260, 22.2620



86.7350, -3.6810, 72.2470



104.0010, 16.5950, 13.1310



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.



102.3030, 76.1440, 62.8000



95.5330, 108.6920, 89.6840



92.7270, 103.1080, 36.6760



99.9730, 4.6300, 4.1980



60.5910, 75.2730, 62.0650



15.2510, 18.8870, 15.6470



# Inverse Universe

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



102.3030, 76.1440, 62.8000



95.5330, 108.6920, 89.6840



162.2730, -103.1080, -36.6760



99.9730, 4.6300, 4.1980



60.5910, 75.2730, 62.0650



15.2510, 18.8870, 15.6470



# Previews

## White Background



This preview shows how the YIQ color 102.3030, 76.1440, 62.8000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

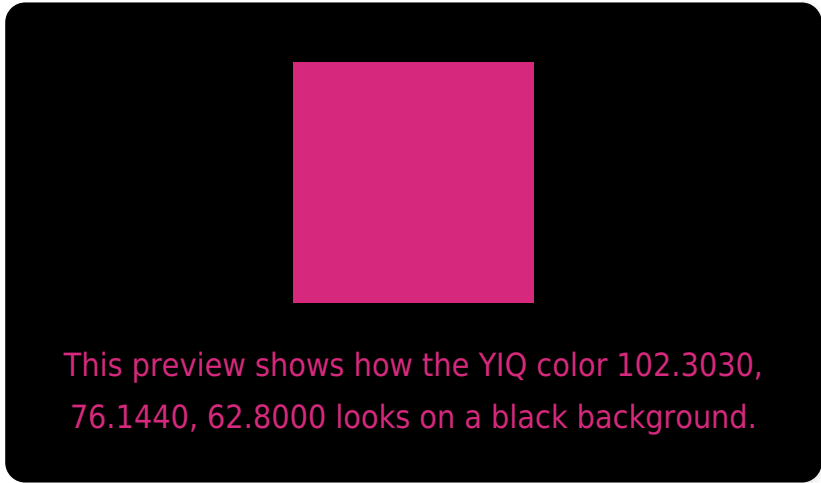
Any Text WCAG AA ✓ Pass

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

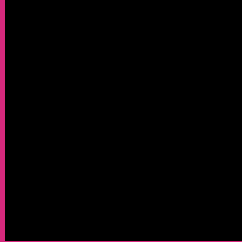
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 102.3030, 76.1440, 62.8000

## Background



This preview shows how black text looks on a background with the YIQ color 102.3030, 76.1440, 62.8000.



This preview shows how white text looks on a background with the YIQ color 102.3030, 76.1440,



# 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

102.3030, 76.1440, 62.8000

### Protanopia

116.3010, -28.1080, 13.8120

### Deuteranopia

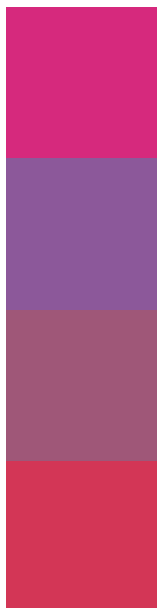
117.9410, 7.6560, 4.4240



## Tritanopia

105.7790, 88.1620, 32.2100

# Trichromacy



## Original Color

102.3030, 76.1440, 62.8000

## Protanomaly

111.0720, 9.8060, 31.5500

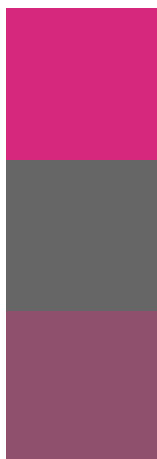
## Deuteranomaly

112.2900, 32.3190, 25.5270

## Tritanomaly

104.5910, 83.3000, 43.2360

# Monochromacy



## Original Color

102.3030, 76.1440, 62.8000

## Achromatopsia

102.0000, -0.0000, -0.0000

## Achromatomaly

102.2570, 27.9180, 22.6860

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 102.3030, 76.1440, 62.8000 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(214, 41, 125)` looks like.

```
.text, #text, p{  
    color:rgb(214, 41, 125)  
}
```

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(214, 41, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 41, 125) }
```

## Border

The CSS property to change the border of an element to YIQ 102.3030, 76.1440, 62.8000 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(214, 41, 125) }
```



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

```
.border{ border-color:rgb(214, 41, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 41, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 41, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 41, 125);  
box-shadow:4px 4px 4px 4px rgb(214, 41,  
125) }
```

# Background

The CSS property to change the background color of an element to YIQ 102.3030, 76.1440, 62.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 41, 125) }
```

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

```
.background{ background-color: rgb(214, 41,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor