

Converting Colors

YIQ(102.0150, 77.0150, 63.5350)

Have a look what the booklet for
YIQ(102.0150, 77.0150, 63.5350)
contains.

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Color

**YIQ(102.0150, 77.0150,
63.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	D7287D
RGB	215, 40, 125
RGB Percent	84%, 16%, 49%
CMY	0.1564, 0.8434, 0.5096
CMYK	0.00, 0.81, 0.42, 0.16
HSL	331°, 69%, 50%
HSV	331°, 81%, 84%
XYZ	32.5214, 17.4601, 21.0786
YIQ	102.0150, 77.0150, 63.5350

Conversions

Conversions Part 2

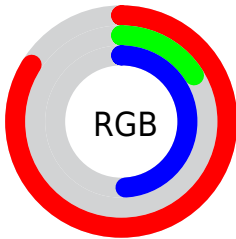
Format	Color
R_{YB}	215, 40, 125
Decimal	14100605
CIE _{Lab}	48.83, 70.26, -3.91
CIE _{LCh}	49, 70.364, 356.812
Yxy	17.4601, 0.4577, 0.2457
Android (android.graphics.Color)	4292290685 (0xFFD7287D)
YUV	102.0150, 11.3316, 99.0878
Hunter-Lab	41.7853, 65.8021, -0.6592

Details

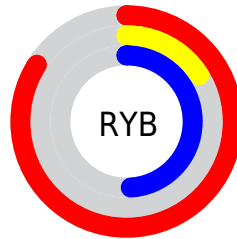
The YIQ color **102.0150, 77.0150, 63.5350** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **152.9850, -77.0150, -63.5350**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.0580, 66.2880, 54.1920**, and **54.7100, 67.3880, 56.2840** is the 20% darker color. If you saturate the color by 10%, you get **87.8470, 86.5960, 71.6200**, and if you desaturate by 10%, it is **115.5960, 67.7090, 55.9730**.

Distribution



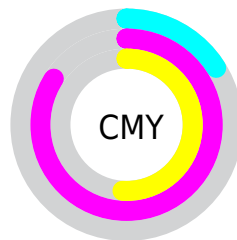
- Red (84%)
- Green (16%)
- Blue (49%)



- 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 102.0150, 77.0150, 63.5350 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 102.0150, 77.0150, 63.5350 by changing the saturation by 10% instead.


 102.0150, 77.0150,
63.5350


 102.0150, 77.0150,
63.5350


255.0000, -0.0000,
-0.0000


 66.7150, 78.1600,
70.3200


 158.1720, 65.9670,
54.5030


 55.0090, 67.9840,
56.4960


 178.8600, 49.0500,
47.2100


 43.5310, 57.1660,
43.2940


 199.0750, 32.0870,
40.7510

 32.1670, 46.0270,
30.4030

 218.6060, 17.0500,
32.4260

 21.5430, 38.5560,
17.1160

 236.2160, 8.8000,
16.7360

 10.8780, 21.1350,
7.9430

253.8260, 0.5500,

 0.0000, 0.0000,

1.0460

0.0000

■ 102.0150, 77.0150,
63.5350

■ 102.0150, 77.0150,
63.5350

■ 87.8470, 86.5960,
71.6200

■ 115.5960, 67.7090,
55.9730

■ 76.2550, 94.4350,
78.2350

■ 129.7640, 58.1280,
47.8880

■ 143.3450, 48.8220,
40.3260

■ 157.5130, 39.2410,
32.2410

■ 171.6810, 29.6600,
24.1560

■ 185.2620, 20.3540,
16.5940

■ 199.4300, 10.7730,
8.5090

■ 213.1250, 1.1460,
1.2580

■ 227.2930, -8.4350,
-6.8270

Harmonies

Analogous

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



115.6580, 29.6080, 58.1520



102.0150, 77.0150, 63.5350



103.2190, 92.9750, 38.5990

Triad

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



102.0150, 77.0150, 63.5350



101.4480, 17.2480, -48.2880



105.6300, -107.2860, -4.9980

Complementary

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



102.0150, 77.0150, 63.5350



152.9850, -77.0150, -63.5350

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.



102.5060, -92.9780, -22.0180



102.0150, 77.0150, 63.5350



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.



102.0150, 77.0150, 63.5350



108.8110, 56.4910, -27.1010



95.0790, -73.4430, -40.1550



100.8660, -110.4060, 7.4980

Rectangle

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



102.0150, 77.0150, 63.5350



107.2020, 90.5040, 11.7840



95.0790, -73.4430, -40.1550



105.2080, -103.3420, -10.3980

Sweetspot

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



102.0150, 77.0150, 63.5350



215.6590, 26.7260, 22.2620



86.2620, -3.7270, 73.0810



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.



102.0150, 77.0150, 63.5350



93.6580, 109.8380, 90.9420



92.3250, 104.3000, 37.1000



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.



102.0150, 77.0150, 63.5350



93.6580, 109.8380, 90.9420



162.6750, -104.3000, -37.1000



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 102.0150, 77.0150, 63.5350 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 102.0150, 77.0150, 63.5350 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 102.0150, 77.0150, 63.5350

Background



This preview shows how black text looks on a background with the YIQ color 102.0150, 77.0150, 63.5350.



This preview shows how white text looks on a background with the YIQ color 102.0150, 77.0150,

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

102.0150, 77.0150, 63.5350

Protanopia

116.3010, -28.1080, 13.8120

Deuteranopia

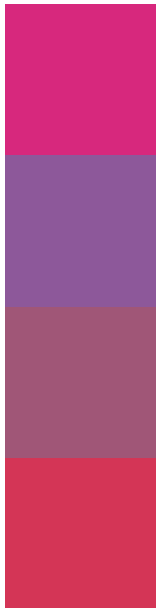
117.8270, 7.9770, 4.1130



Tritanopia

105.4910, 89.0330, 32.9450

Trichromacy



Original Color

102.0150, 77.0150, 63.5350

Protanomaly

111.3710, 10.4020, 31.7620

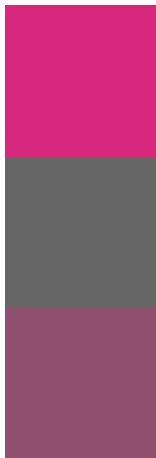
Deuteranomaly

111.8880, 33.5110, 25.9510

Tritanomaly

104.3030, 84.1710, 43.9710

Monochromacy



Original Color

102.0150, 77.0150, 63.5350

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

101.6700, 28.1930, 23.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.0150, 77.0150, 63.5350 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(215, 40, 125)` looks like.

```
.text, #text, p{  
    color:rgb(215, 40, 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(215, 40, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 40, 125) }
```

Border

The CSS property to change the border of an element to YIQ 102.0150, 77.0150, 63.5350 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(215, 40, 125) }
```


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

```
.border{ border-color:rgb(215, 40, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 40, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 40, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 40, 125);  
box-shadow:4px 4px 4px 4px rgb(215, 40,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 102.0150, 77.0150, 63.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 40, 125) }
```

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

```
.background{ background-color: rgb(215, 40,  
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](#).

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