

Converting Colors

YIQ(102.3090, 76.0070, 59.7750)

Have a look what the booklet for
YIQ(102.3090, 76.0070, 59.7750)
contains.

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Color

**YIQ(102.3090, 76.0070,
59.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	D42B78
RGB	212, 43, 120
RGB Percent	83%, 17%, 47%
CMY	0.1682, 0.8316, 0.5292
CMYK	0.00, 0.80, 0.43, 0.17
HSL	333°, 66%, 50%
HSV	333°, 80%, 83%
XYZ	31.4397, 17.0943, 19.4314
YIQ	102.3090, 76.0070, 59.7750

Conversions

Conversions Part 2

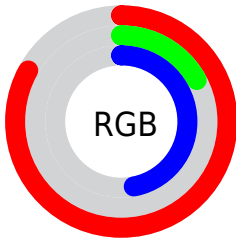
Format	Color
R _Y B	212, 43, 120
Decimal	13904760
CIE Lab	48.38, 68.30, -1.60
CIE LCh	48, 68.318, 358.655
Yxy	17.0943, 0.4626, 0.2515
Android (android.graphics.Color)	4292094840 (0xFFD42B78)
YUV	102.3090, 8.7217, 96.1990
Hunter-Lab	41.3452, 63.3806, 1.0766

Details

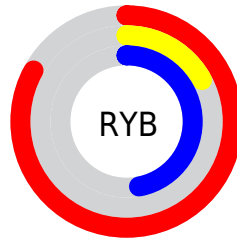
The YIQ color **102.3090, 76.0070, 59.7750** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **152.6910, -76.0070, -59.7750**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.6620, 67.3430, 51.5910**, and **53.6560, 67.4800, 54.6160** is the 20% darker color. If you saturate the color by 10%, you get **88.7280, 85.3130, 67.3370**, and if you desaturate by 10%, it is **116.0040, 66.3800, 52.5240**.

Distribution



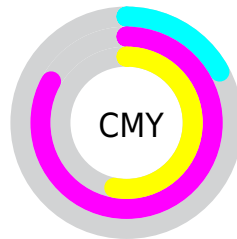
- Red (83%)
- Green (17%)
- Blue (47%)



- Red (83%)
- Yellow (17%)
- Blue (47%)



- Cyan (0%)
- Magenta (80%)
- Yellow (43%)
- Black (17%)





- Cyan (17%)
- Magenta (83%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 102.3090, 76.0070, 59.7750 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 102.3090, 76.0070, 59.7750 by changing the saturation by 10% instead.


 102.3090, 76.0070,
59.7750


 102.3090, 76.0070,
59.7750


255.0000, -0.0000,
-0.0000


 65.2480, 77.9770,
68.1290


 158.6620, 67.3430,
51.5910


 53.6560, 67.4800,
54.6160


 178.7630, 50.7010,
44.8210


 42.1780, 56.6620,
41.4140


 198.9780, 33.7380,
38.3620

 31.1130, 46.1190,
28.7350

 219.1930, 16.7750,
31.9030

 20.0760, 38.3730,
14.9250

 236.8030, 8.5250,
16.2130

 9.6820, 18.7510,
7.0950

254.4130, 0.2750,

 0.0000, 0.0000,

0.5230

0.0000

■ 102.3090, 76.0070,
59.7750

■ 102.3090, 76.0070,
59.7750

■ 88.7280, 85.3130,
67.3370

■ 116.0040, 66.3800,
52.5240

■ 75.0330, 94.9400,
74.5880

■ 129.5850, 57.0740,
44.9620

■ 74.4460, 95.2150,
75.1110

■ 143.8670, 47.1720,
37.1880

■ 157.4480, 37.8660,
29.6260

■ 171.1430, 28.2390,
22.3750

■ 184.7240, 18.9330,
14.8130

■ 198.4190, 9.3060,
7.5620

■ 212.5870, -0.2750,
-0.5230

■ 226.2820, -9.9020,
-7.7740

Harmonies

Analogous

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



114.3870, 31.8090, 56.8090



102.3090, 76.0070, 59.7750



103.7300, 89.8580, 34.5140

Triad

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



102.3090, 76.0070, 59.7750



99.6650, 15.1390, -48.6130



103.6410, -105.8190, -4.0510

Complementary

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



102.3090, 76.0070, 59.7750



152.6910, -76.0070, -59.7750

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.



101.4460, -92.7490, -20.6610



102.3090, 76.0070, 59.7750



85.5320, -53.4500, -55.5780

Square

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



102.3090, 76.0070, 59.7750



107.9030, 53.2360, -28.6840



94.7200, -73.8100, -39.0100



98.6490, -108.2970, 7.8230

Rectangle

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



102.3090, 76.0070, 59.7750



106.6530, 87.6160, 9.0560



94.7200, -73.8100, -39.0100



103.9200, -102.4710, -9.6630

Sweetspot

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



102.3090, 76.0070, 59.7750



215.4310, 27.3680, 21.6400



89.1760, -0.6090, 71.6390



103.8870, 16.9160, 12.8200



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.



102.3090, 76.0070, 59.7750



96.0230, 110.0680, 86.7720



97.0530, 99.0740, 32.6900



99.8590, 4.9510, 3.8870



60.0210, 76.8780, 60.5100



15.1370, 19.2080, 15.3360

Inverse Universe

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



102.3090, 76.0070, 59.7750



96.0230, 110.0680, 86.7720



157.9470, -99.0740, -32.6900



99.8590, 4.9510, 3.8870



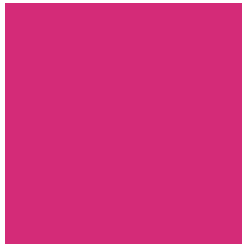
60.0210, 76.8780, 60.5100



15.1370, 19.2080, 15.3360

Previews

White Background



This preview shows how the YIQ color 102.3090, 76.0070, 59.7750 looks on a white background.

Color Contrast Check

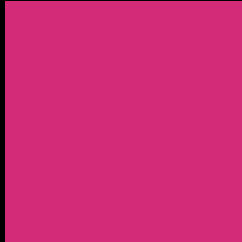
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.3090, 76.0070, 59.7750 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 102.3090, 76.0070, 59.7750

Background



This preview shows how black text looks on a background with the YIQ color 102.3090, 76.0070, 59.7750.



This preview shows how white text looks on a background with the YIQ color 102.3090, 76.0070,

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

102.3090, 76.0070, 59.7750

Protanopia

115.6990, -23.4770, 12.4830

Deuteranopia

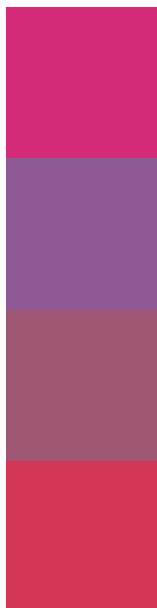
116.7840, 9.5360, 3.3920



Tritanopia

104.8930, 87.8410, 32.5210

Trichromacy



Original Color

102.3090, 76.0070, 59.7750

Protanomaly

110.5730, 12.6490, 29.5850

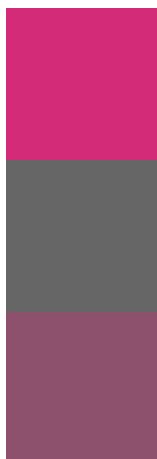
Deuteranomaly

111.7200, 33.9240, 23.9720

Tritanomaly

104.0640, 83.3460, 42.4020

Monochromacy



Original Color

102.3090, 76.0070, 59.7750

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.4310, 27.3680, 21.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.3090, 76.0070, 59.7750 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(212, 43, 120)` looks like.

```
.text, #text, p{  
    color:rgb(212, 43, 120)  
}
```

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(212, 43, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 43, 120) }
```

Border

The CSS property to change the border of an element to YIQ 102.3090, 76.0070, 59.7750 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(212, 43, 120) }
```


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

```
.border{ border-color:rgb(212, 43, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 43, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 43, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 43, 120);  
box-shadow:4px 4px 4px 4px rgb(212, 43,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 102.3090, 76.0070, 59.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 43, 120) }
```

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

```
.background{ background-color: rgb(212, 43,  
120) }
```

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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