

# Converting Colors

YIQ(126.2370, 75.3690, 38.2890)

Have a look what the booklet for  
YIQ(126.2370, 75.3690, 38.2890)  
contains.

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# Color

**YIQ(126.2370, 75.3690,  
38.2890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE516C
RGB	222, 81, 108
RGB Percent	87%, 32%, 42%
CMY	0.1291, 0.6826, 0.5762
CMYK	0.00, 0.64, 0.51, 0.13
HSL	348°, 68%, 59%
HSV	348°, 64%, 87%
XYZ	35.8003, 22.5041, 16.6640
YIQ	126.2370, 75.3690, 38.2890

# Conversions

## Conversions Part 2

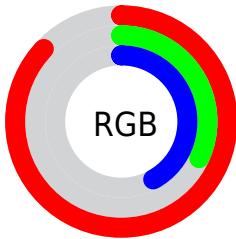
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 81, 108
Decimal	14569836
CIE Lab	54.56, 56.96, 14.67
CIE LCh	55, 58.824, 14.443
Yxy	22.5041, 0.4775, 0.3002
Android (android.graphics.Color)	4292759916 (0xFFDE516C)
YUV	126.2370, -8.9908, 83.9842
Hunter-Lab	47.4385, 51.6910, 12.3798

# Details

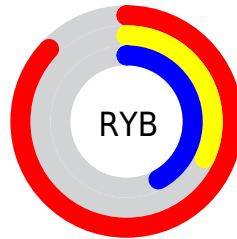
The YIQ color **126.2370, 75.3690, 38.2890** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **176.7630, -75.3690, -38.2890**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7900, 63.2660, 31.8580**, and **63.3110, 72.5250, 45.7810** is the 20% darker color. If you saturate the color by 10%, you get **111.2710, 87.1970, 44.1970**, and if you desaturate by 10%, it is **141.2030, 63.5410, 32.3810**.

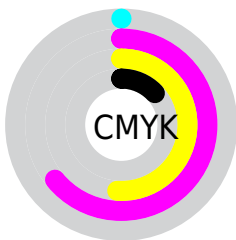
# Distribution



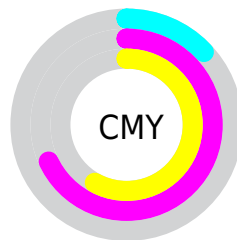
- Red (87%)
- Green (32%)
- Blue (42%)



- Red (87%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (64%)
- Yellow (51%)
- Black (13%)




- Cyan (13%)
- Magenta (68%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 126.2370, 75.3690, 38.2890 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 126.2370, 75.3690, 38.2890 by changing the saturation by 10% instead.





 126.2370, 75.3690,  
38.2890


 126.2370, 75.3690,  
38.2890


255.0000, -0.0000,  
-0.0000


 97.5080, 73.1680,  
39.6320


 174.7900, 63.2660,  
31.8580


 63.3110, 72.5250,  
45.7810


 194.3040, 46.8990,  
25.6110

 44.0280, 65.8320,  
40.4240


 213.9320, 30.2110,  
19.6750

 32.7780, 54.3720,  
27.8440

 234.1470, 13.2480,  
13.2160

 22.2400, 43.7830,  
15.9990

 253.2390, 0.8250,  
1.5690

 13.6830, 26.1780,  
10.1620

 0.0000, 0.0000,

0.0000

■ 126.2370, 75.3690,  
38.2890

■ 126.2370, 75.3690,  
38.2890

■ 111.2710, 87.1970,  
44.1970

■ 141.2030, 63.5410,  
32.3810

■ 96.3050, 99.0250,  
50.1050

■ 156.1690, 51.7130,  
26.4730

■ 80.7520, 111.1280,  
56.5360

■ 171.7220, 39.6100,  
20.0420

■ 71.2800, 118.5090,  
60.4370

■ 186.6880, 27.7820,  
14.1340

■ 201.6540, 15.9540,  
8.2260

■ 216.6200, 4.1260,  
2.3180

■ 231.5860, -7.7020,  
-3.5900

■ 244.7910,  
-18.7050, -7.9290

■ 245.1330,  
-19.6680, -6.9960

# Harmonies

## Analogous

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



130.5120, 50.1500, 49.3020



126.2370, 75.3690, 38.2890



126.3840, 78.3080, 12.5480

# Triad

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



126.2370, 75.3690, 38.2890



114.3430, -13.0130, -45.0210



110.6340, -113.1090, -4.0930

# Complementary

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



126.2370, 75.3690, 38.2890



176.7630, -75.3690, -38.2890

# 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.



112.1380, -106.3210, -16.9850



126.2370, 75.3690, 38.2890



101.3250, -74.4960, -48.6080

# Square

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



126.2370, 75.3690, 38.2890



120.8530, 38.3370, -39.5110



107.9540, -91.7840, -32.6480



123.1830, -65.5220, 20.0620



# Rectangle

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



126.2370, 75.3690, 38.2890



125.8430, 71.8010, -7.1990



107.9540, -91.7840, -32.6480



111.5970, -111.6870, -7.8390

# Sweetspot

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



126.2370, 75.3690, 38.2890



222.3780, 25.7190, 12.9750



130.8610, 22.0870, 67.8070



107.6540, 15.9540, 8.2260



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.



126.2370, 75.3690, 38.2890



123.2240, 103.7470, 52.6350



147.8130, 72.4860, 7.9260



104.5170, 5.9140, 2.9540



56.5000, 93.9820, 47.8860



15.3780, 25.7190, 12.9750



# Inverse Universe

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



126.2370, 75.3690, 38.2890



123.2240, 103.7470, 52.6350



155.1870, -72.4860, -7.9260



104.5170, 5.9140, 2.9540



56.5000, 93.9820, 47.8860



15.3780, 25.7190, 12.9750



# Previews

## White Background



This preview shows how the YIQ color 126.2370, 75.3690, 38.2890 looks on a white 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



# Black Background



This preview shows how the YIQ color 126.2370, 75.3690, 38.2890 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

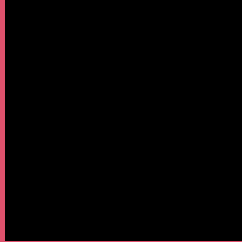
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 126.2370, 75.3690, 38.2890

## Background



This preview shows how black text looks on a background with the YIQ color 126.2370, 75.3690, 38.2890.



This preview shows how white text looks on a background with the YIQ color 126.2370, 75.3690,



# 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

126.2370, 75.3690, 38.2890

### Protanopia

131.2390, 0.8250, 1.5690

### Deuteranopia

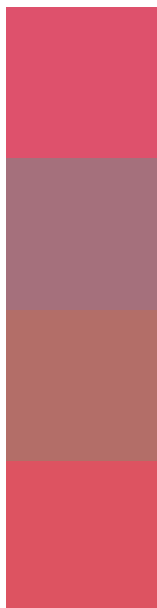
131.5220, 24.7130, -1.8390



## Tritanopia

125.6470, 79.7260, 30.9100

# Trichromacy



## Original Color

126.2370, 75.3690, 38.2890

## Protanomaly

129.2150, 27.7360, 14.9680

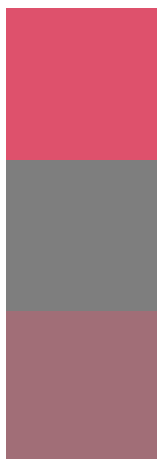
## Deuteranomaly

129.9470, 43.0500, 12.7620

## Tritanomaly

125.8580, 77.7540, 33.6100

# Monochromacy



## Original Color

126.2370, 75.3690, 38.2890

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

126.2750, 27.5070, 13.6110

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 126.2370, 75.3690, 38.2890 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(222, 81, 108)` looks like.

```
.text, #text, p{  
    color:rgb(222, 81, 108)  
}
```

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(222, 81, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 81, 108) }
```

## Border

The CSS property to change the border of an element to YIQ 126.2370, 75.3690, 38.2890 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(222, 81, 108) }
```



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

```
.border{ border-color:rgb(222, 81, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 81, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 81, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 81, 108);  
box-shadow:4px 4px 4px 4px rgb(222, 81,  
108) }
```

# Background

The CSS property to change the background color of an element to YIQ 126.2370, 75.3690, 38.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 81, 108) }
```

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

```
.background{ background-color: rgb(222, 81,  
108) }
```

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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