

# Converting Colors

YIQ(126.2070, 76.0540, 53.4140)

Have a look what the booklet for  
YIQ(126.2070, 76.0540, 53.4140)  
contains.

<b>YIQ(126.2070, 76.0540, 53.4140)</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(126.2070, 76.0540,  
53.4140)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E84785
RGB	232, 71, 133
RGB Percent	91%, 28%, 52%
CMY	0.0898, 0.7218, 0.4782
CMYK	0.00, 0.69, 0.43, 0.09
HSL	337°, 78%, 59%
HSV	337°, 69%, 91%
XYZ	39.8007, 23.3669, 24.6263
YIQ	126.2070, 76.0540, 53.4140

# Conversions

## Conversions Part 2

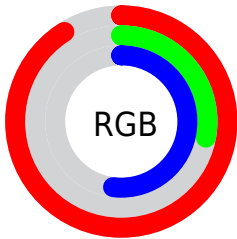
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 71, 133
Decimal	15222661
CIE <sub>Lab</sub>	55.45, 66.10, 1.33
CIE <sub>LCh</sub>	55, 66.118, 1.154
Yxy	23.3669, 0.4533, 0.2662
Android (android.graphics.Color)	4293412741 (0xFFE84785)
YUV	126.2070, 3.3489, 92.7805
Hunter-Lab	48.3394, 62.3758, 3.6325

# Details

The YIQ color **126.2070, 76.0540, 53.4140** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **176.7930, -76.0540, -53.4140**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7590, 56.5240, 43.9160**, and **60.7050, 74.9520, 62.3760** is the 20% darker color. If you saturate the color by 10%, you get **111.1100, 86.8730, 61.0890**, and if you desaturate by 10%, it is **141.3040, 65.2350, 45.7390**.

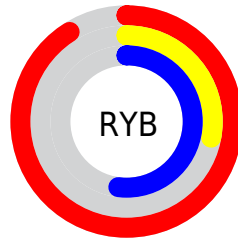
# Distribution



Red (91%)

Green (28%)

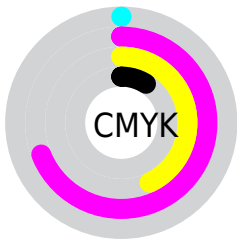
Blue (52%)



Red (91%)

Yellow (28%)

Blue (52%)

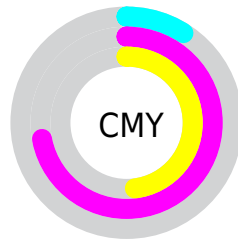


Cyan (0%)

Magenta (69%)

Yellow (43%)

Black (9%)



Cyan (9%)

Magenta (72%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 126.2070, 76.0540, 53.4140 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 126.2070, 76.0540, 53.4140 by changing the saturation by 10% instead.





 126.2070, 76.0540,  
53.4140


 126.2070, 76.0540,  
53.4140


255.0000, -0.0000,  
-0.0000


 94.1300, 74.9530,  
56.8490


 173.7590, 56.5240,  
43.9160


 60.7050, 74.9520,  
62.3760


 193.9740, 39.5610,  
37.4570

 49.1130, 64.4550,  
48.8630


 214.1890, 22.5980,  
30.9980

 37.9340, 54.2330,  
35.8730

 232.6940, 10.4500,  
19.8740

 26.9830, 43.3690,  
23.5050

 250.3040, 2.2000,  
4.1840

 16.6730, 32.1380,  
12.2820

 2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,  
0.0000

■ 126.2070, 76.0540,  
53.4140

■ 126.2070, 76.0540,  
53.4140

■ 111.1100, 86.8730,  
61.0890

■ 141.3040, 65.2350,  
45.7390

■ 96.0130, 97.6920,  
68.7640

■ 156.5150, 54.0950,  
38.3750


■ 80.2150, 109.1070,  
76.6510


■ 172.1990, 43.0010,  
30.1770


■ 79.5140, 109.7030,  
76.8630


■ 187.2960, 32.1820,  
22.5020

■ 202.3930, 21.3630,  
14.8270

 217.6040, 10.2230,  
7.4630

 232.7010, -0.5960,  
-0.2120

 247.2110,  
-11.1400, -7.3640

 248.1230,  
-13.7080, -4.8760

# Harmonies

## Analogous

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



133.8990, 36.1190, 55.7910



126.2070, 76.0540, 53.4140



125.3830, 89.2170, 29.6090

# Triad

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



126.2070, 76.0540, 53.4140



116.9700, 15.5980, -51.4260



116.3730, -116.8680, -7.5560

# Complementary

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



126.2070, 76.0540, 53.4140



176.7930, -76.0540, -53.4140

# 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.



114.5200, -104.7610, -23.2330



126.2070, 76.0540, 53.4140



99.4210, -66.3790, -58.0510

# Square

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



126.2070, 76.0540, 53.4140



123.8400, 57.5470, -35.2290



108.4950, -86.4180, -41.7940



109.8650, -117.8330, 4.4310



# Rectangle

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



126.2070, 76.0540, 53.4140



126.5880, 86.2410, 6.4410



108.4950, -86.4180, -41.7940



116.2930, -113.8870, -12.0230

# Sweetspot

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



126.2070, 76.0540, 53.4140



219.5400, 25.4430, 17.9790



118.3570, 6.1310, 70.6350



106.9360, 15.2200, 10.5160



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.



126.2070, 76.0540, 53.4140



115.7360, 100.0300, 70.4460



128.5310, 91.5560, 25.7640



109.7450, 5.2720, 3.5760



62.0990, 85.4060, 60.1420



18.5400, 25.4430, 17.9790



# Inverse Universe

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



126.2070, 76.0540, 53.4140



115.7360, 100.0300, 70.4460



174.4690, -91.5560, -25.7640



109.7450, 5.2720, 3.5760



62.0990, 85.4060, 60.1420



18.5400, 25.4430, 17.9790



# Previews

## White Background



This preview shows how the YIQ color 126.2070, 76.0540, 53.4140 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

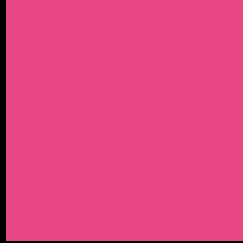
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 126.2070, 76.0540, 53.4140 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 126.2070, 76.0540, 53.4140

## Background



This preview shows how black text looks on a background with the YIQ color 126.2070, 76.0540, 53.4140.



This preview shows how white text looks on a background with the YIQ color 126.2070, 76.0540,



# 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

126.2070, 76.0540, 53.4140

### Protanopia

133.9400, -16.9660, 10.1220

### Deuteranopia

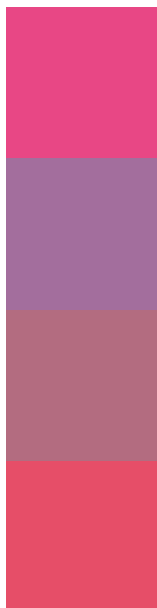
134.5240, 13.2040, 2.9960



## Tritanopia

126.5230, 86.0070, 32.7190

# Trichromacy



## Original Color

126.2070, 76.0540, 53.4140

## Protanomaly

131.2050, 16.5010, 25.8530

## Deuteranomaly

131.5090, 35.8960, 21.2720

## Tritanomaly

126.4120, 82.2460, 40.3100

# Monochromacy



## Original Color

126.2070, 76.0540, 53.4140

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

126.2630, 27.7810, 19.6610

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 126.2070, 76.0540, 53.4140 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(232, 71, 133)` looks like.

```
.text, #text, p{  
    color:rgb(232, 71, 133)  
}
```

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(232, 71, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 71, 133) }
```

## Border

The CSS property to change the border of an element to YIQ 126.2070, 76.0540, 53.4140 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(232, 71, 133) }
```



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

```
.border{ border-color:rgb(232, 71, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 71, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 71, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 71, 133);  
box-shadow:4px 4px 4px 4px rgb(232, 71,  
133) }
```

# Background

The CSS property to change the background color of an element to YIQ 126.2070, 76.0540, 53.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 71, 133) }
```

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

```
.background{ background-color: rgb(232, 71,  
133) }
```

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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