

# Converting Colors

YIQ(160.3420, 70.0990, 23.6590)

Have a look what the booklet for  
YIQ(160.3420, 70.0990, 23.6590)  
contains.

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# Color

**YIQ(160.3420, 70.0990,  
23.6590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F27E7B
RGB	242, 126, 123
RGB Percent	95%, 49%, 48%
CMY	0.0507, 0.5060, 0.5174
CMYK	0.00, 0.48, 0.49, 0.05
HSL	1°, 82%, 72%
HSV	1°, 49%, 95%
XYZ	47.6762, 35.2307, 23.0498
YIQ	160.3420, 70.0990, 23.6590

# Conversions

## Conversions Part 2

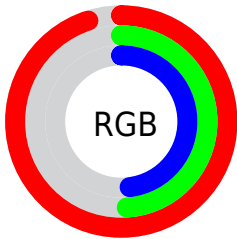
Format	Color
R <sub>Y</sub> B	242, 126, 123
Decimal	15892091
CIE Lab	65.93, 44.14, 22.06
CIE LCh	66, 49.342, 26.554
Yxy	35.2307, 0.4500, 0.3325
Android (android.graphics.Color)	4294082171 (0xFFFF27E7B)
YUV	160.3420, -18.4096, 71.6141
Hunter-Lab	59.3555, 39.5048, 18.5245

# Details

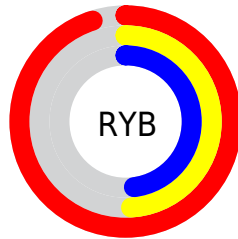
The YIQ color **160.3420, 70.0990, 23.6590** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.6580, -70.0990, -23.6590**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.4420, 46.0300, 13.8220**, and **105.7050, 64.6430, 23.4190** is the 20% darker color. If you saturate the color by 10%, you get **143.5180, 84.4030, 28.7470**, and if you desaturate by 10%, it is **177.1660, 55.7950, 18.5710**.

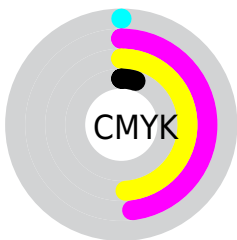
# Distribution



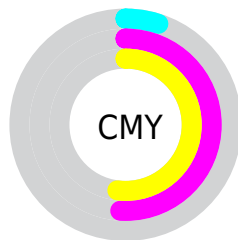
- Red (95%)
- Green (49%)
- Blue (48%)



- Red (95%)
- Yellow (49%)
- Blue (48%)



- Cyan (0%)
- Magenta (48%)
- Yellow (49%)
- Black (5%)




- Cyan (5%)
- Magenta (51%)
- Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 160.3420, 70.0990, 23.6590 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 160.3420, 70.0990, 23.6590 by changing the saturation by 10% instead.





 160.3420, 70.0990,  
23.6590


 160.3420, 70.0990,  
23.6590


255.0000, -0.0000,  
-0.0000


 132.6730, 67.6690,  
23.6450


 202.5560, 45.7090,  
14.1330


 105.7050, 64.6430,  
23.4190


 222.0700, 29.3420,  
7.8860

 78.9650, 60.9750,  
23.8150

 242.2850, 12.3790,  
1.4270

 50.2900, 58.6820,  
26.8260

 29.3170, 54.0520,  
22.6280

 20.0330, 39.9320,  
14.2040

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,  
0.0000

■ 160.3420, 70.0990,  
23.6590

■ 160.3420, 70.0990,  
23.6590

■ 143.5180, 84.4030,  
28.7470

■ 177.1660, 55.7950,  
18.5710

■ 127.2810, 98.4320,  
33.3120

■ 193.4030, 41.7660,  
14.0060

■ 110.3430,  
113.0570, 38.0890

■ 210.3410, 27.1410,  
9.2290

■ 93.5190, 127.3610,  
43.1770

■ 226.5780, 13.1120,  
4.6640

■ 77.2820, 141.3900,  
47.7420

■ 243.4020, -1.1920,  
-0.4240

■ 75.8800, 142.5820,  
48.1660

■ 251.1130, -7.7480,  
-2.7560

# Harmonies

## Analogous

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



162.7000, 55.0120, 38.2760



160.3420, 70.0990, 23.6590



159.0740, 67.0770, 1.3250

# Triad

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



160.3420, 70.0990, 23.6590



144.5340, -29.4280, -39.3800



143.9530, -88.9020, 3.2420

# Complementary

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



160.3420, 70.0990, 23.6590



204.6580, -70.0990, -23.6590

# 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.



130.4610, -123.4680, -20.1080



160.3420, 70.0990, 23.6590



124.2760, -99.1630, -47.6030

# Square

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



160.3420, 70.0990, 23.6590



152.0480, 16.0990, -32.9650



129.4060, -113.6080, -33.6080



162.2280, -25.8640, 28.2160



# Rectangle

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



160.3420, 70.0990, 23.6590



157.5420, 56.3510, -13.5450



129.4060, -113.6080, -33.6080



128.4210, -125.9910, -12.9270

# Sweetspot

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



160.3420, 70.0990, 23.6590



228.9490, 22.3730, 7.5330



171.9190, 33.3670, 61.6150



111.8770, 13.7080, 4.8760



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.



160.3420, 70.0990, 23.6590



151.6110, 88.5750, 30.2310



194.9750, 53.8740, -7.1980



111.5880, 7.1520, 2.5440



57.3640, 108.5640, 36.9160



17.3310, 33.1010, 11.3490



# Inverse Universe

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



204.6580, -70.0990, -23.6590



207.8020, -88.3000, -29.7080



170.6120, -54.1490, 6.6750



116.4120, -7.1520, -2.5440



126.0490, -108.2890, -36.3930



38.6690, -33.1010, -11.3490



# Previews

## White Background



This preview shows how the YIQ color 160.3420, 70.0990, 23.6590 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 160.3420, 70.0990, 23.6590 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 ✓ Pass

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

# YIQ 160.3420, 70.0990, 23.6590

## Background



This preview shows how black text looks on a background with the YIQ color 160.3420, 70.0990, 23.6590.



This preview shows how white text looks on a background with the YIQ color 160.3420, 70.0990,



# 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

160.3420, 70.0990, 23.6590

### Protanopia

159.9980, 11.5090, -4.8350

### Deuteranopia

160.6600, 33.0120, -3.5640



## Tritanopia

160.6070, 68.0350, 28.0270

# Trichromacy



## Original Color

160.3420, 70.0990, 23.6590

## Protanomaly

160.3430, 32.8270, 5.2990

## Deuteranomaly

160.6990, 46.4440, 6.3160

## Tritanomaly

160.7380, 69.0440, 26.2600

# Monochromacy



## Original Color

160.3420, 70.0990, 23.6590

## Achromatopsia

160.0000, 0.0000, -0.0000

## Achromatomaly

160.4440, 25.3530, 8.5930

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 160.3420, 70.0990, 23.6590 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(242, 126, 123)` looks like.

```
.text, #text, p{  
    color:rgb(242, 126, 123)  
}
```

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(242, 126, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 126, 123) }
```

## Border

The CSS property to change the border of an element to YIQ 160.3420, 70.0990, 23.6590 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(242, 126, 123) }
```



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

```
.border{ border-color:rgb(242, 126, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 126, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 126, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 126, 123);  
box-shadow:4px 4px 4px 4px rgb(242, 126,  
123) }
```

# Background

The CSS property to change the background color of an element to YIQ 160.3420, 70.0990, 23.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 126, 123) }
```

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

```
.background{ background-color: rgb(242,  
126, 123) }
```

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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