

# Converting Colors

YIQ(186.8340, 33.6030, 24.2830)

Have a look what the booklet for  
YIQ(186.8340, 33.6030, 24.2830)  
contains.

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# Color

**YIQ(186.8340, 33.6030,  
24.2830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAA2BF
RGB	234, 162, 191
RGB Percent	92%, 64%, 75%
CMY	0.0822, 0.3648, 0.2509
CMYK	0.00, 0.31, 0.18, 0.08
HSL	336°, 63%, 78%
HSV	336°, 31%, 92%
XYZ	56.2696, 47.0935, 55.4307
YIQ	186.8340, 33.6030, 24.2830

# Conversions

## Conversions Part 2

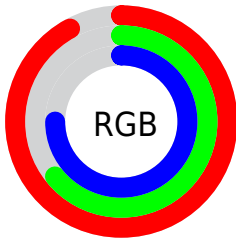
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 162, 191
Decimal	15377087
CIE <sub>Lab</sub>	74.25, 30.83, -4.09
CIE <sub>LCh</sub>	74, 31.102, 352.438
Yxy	47.0935, 0.3544, 0.2966
Android (android.graphics.Color)	4293567167 (0xFFEAA2BF)
YUV	186.8340, 2.0538, 41.3646
Hunter-Lab	68.6247, 26.2701, 0.1465

# Details

The YIQ color **186.8340, 33.6030, 24.2830** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **209.1660, -33.6030, -24.2830**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.7820, 13.0180, 17.3860**, and **132.6380, 31.2190, 23.4350** is the 20% darker color. If you saturate the color by 10%, you get **171.7370, 44.4220, 31.9580**, and if you desaturate by 10%, it is **201.9310, 22.7840, 16.6080**.

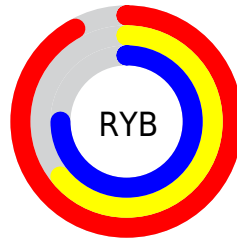
# Distribution



Red (92%)

Green (64%)

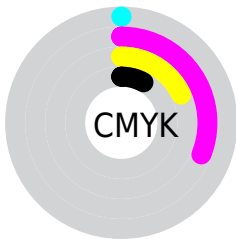
Blue (75%)



Red (92%)

Yellow (64%)

Blue (75%)

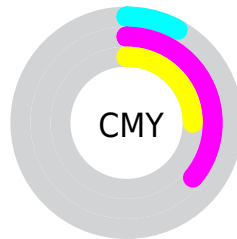


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (8%)



Cyan (8%)

Magenta (36%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 186.8340, 33.6030, 24.2830 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 186.8340, 33.6030, 24.2830 by changing the saturation by 10% instead.





 186.8340, 33.6030,  
24.2830


 186.8340, 33.6030,  
24.2830


255.0000, -0.0000,  
-0.0000


 159.2360, 32.4110,  
23.8590


 231.7820, 13.0180,  
17.3860


 132.6380, 31.2190,  
23.4350

 249.7170, 2.4750,  
4.7070

 106.9260, 30.3480,  
22.7000

 82.0290, 28.5600,  
22.0640

 57.5450, 27.0470,  
21.9510

 32.8870, 26.0840,  
22.8840

 16.8600, 21.5460,

17.0180

■ 4.4850, 8.9400,  
3.1800

■ 0.0000, 0.0000,  
0.0000

■ 186.8340, 33.6030,  
24.2830

■ 186.8340, 33.6030,  
24.2830

■ 171.7370, 44.4220,  
31.9580

■ 201.9310, 22.7840,  
16.6080

■ 156.0530, 55.5160,  
40.1560

■ 217.6150, 11.6900,  
8.4100

■ 140.9560, 66.3350,  
47.8310

■ 232.7120, 0.8710,  
0.7350

■ 125.2720, 77.4290,  
56.0290

■ 247.8090, -9.9480,  
-6.9400

■ 110.1750, 88.2480,  
63.7040

■ 248.7210,  
-12.5160, -4.4520

■ 95.0780, 99.0670,  
71.3790

■ 80.6820, 109.2900,  
78.8420

# Harmonies

## Analogous

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



186.8560, 10.1740, 24.8780



186.8340, 33.6030, 24.2830



185.3220, 46.4880, 16.5360

# Triad

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



186.8340, 33.6030, 24.2830



178.5940, 15.0420, -19.3100



170.2430, -66.8920, -10.1880

# Complementary

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



186.8340, 33.6030, 24.2830



209.1660, -33.6030, -24.2830

# 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.



167.1750, -64.1850, -20.7050



186.8340, 33.6030, 24.2830



174.8880, -12.3290, -24.3690

# Square

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



186.8340, 33.6030, 24.2830



181.6400, 35.7640, -9.3880



170.4470, -41.7640, -25.0600



177.3800, -47.6840, 5.1480



# Rectangle

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



186.8340, 33.6030, 24.2830



184.2370, 47.8650, 8.0970



170.4470, -41.7640, -25.0600



168.2380, -68.4960, -14.1600

# Sweetspot

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



186.8340, 33.6030, 24.2830



239.9030, 10.8190, 7.6750



182.7660, 1.9200, 31.2960



118.1690, 7.0140, 5.0460



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.



186.8340, 33.6030, 24.2830



193.4380, 43.8260, 31.7460



187.0500, 41.2620, 12.1260



109.7450, 5.2720, 3.5760



62.4410, 84.4430, 61.0750



18.6540, 25.1220, 18.2900



# Inverse Universe

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



186.8340, 33.6030, 24.2830



193.4380, 43.8260, 31.7460



208.9500, -41.2620, -12.1260



109.7450, 5.2720, 3.5760



62.4410, 84.4430, 61.0750

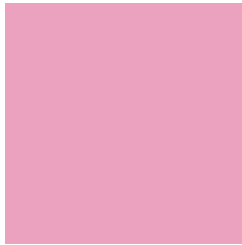


18.6540, 25.1220, 18.2900



# Previews

## White Background



This preview shows how the YIQ color 186.8340, 33.6030, 24.2830 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

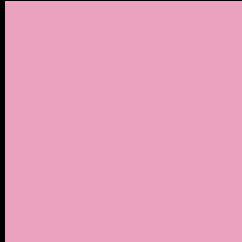
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 186.8340, 33.6030, 24.2830 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

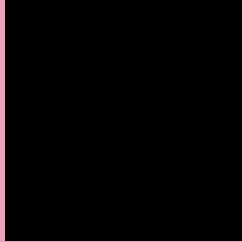
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 186.8340, 33.6030, 24.2830

## Background



This preview shows how black text looks on a background with the YIQ color 186.8340, 33.6030, 24.2830.



This preview shows how white text looks on a background with the YIQ color 186.8340, 33.6030,



# 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

186.8340, 33.6030, 24.2830

### Protanopia

183.7960, -7.9330, 6.1070

### Deuteranopia

184.5330, 8.9850, 7.8730



## Tritanopia

185.8140, 36.3550, 18.4590

# Trichromacy



## Original Color

186.8340, 33.6030, 24.2830

## Protanomaly

185.2110, 7.1960, 12.7640

## Deuteranomaly

185.5990, 17.7870, 13.5550

## Tritanomaly

186.0960, 35.6210, 20.7490

# Monochromacy



## Original Color

186.8340, 33.6030, 24.2830

## Achromatopsia

187.0000, -0.0000, -0.0000

## Achromatomaly

186.9140, 12.2860, 8.6220

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 186.8340, 33.6030, 24.2830 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(234, 162, 191)` looks like.

```
.text, #text, p{  
    color:rgb(234, 162, 191)  
}
```

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(234, 162, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 162, 191) }
```

## Border

The CSS property to change the border of an element to YIQ 186.8340, 33.6030, 24.2830 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(234, 162, 191) }
```



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

```
.border{ border-color:rgb(234, 162, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 162, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 162, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 162, 191);  
box-shadow:4px 4px 4px 4px rgb(234, 162,  
191) }
```

# Background

The CSS property to change the background color of an element to YIQ 186.8340, 33.6030, 24.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 162, 191) }
```

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

```
.background{ background-color: rgb(234,  
162, 191) }
```

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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