

# Converting Colors

YIQ(167.1650, 31.1730, 24.2690)

Have a look what the booklet for  
YIQ(167.1650, 31.1730, 24.2690)  
contains.

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# Color

**YIQ(167.1650, 31.1730,  
24.2690)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D48FAE
RGB	212, 143, 174
RGB Percent	83%, 56%, 68%
CMY	0.1684, 0.4393, 0.3175
CMYK	0.00, 0.33, 0.18, 0.17
HSL	333°, 45%, 70%
HSV	333°, 33%, 83%
XYZ	44.6254, 36.6972, 44.7887
YIQ	167.1650, 31.1730, 24.2690

# Conversions

## Conversions Part 2

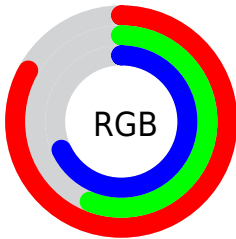
Format	Color
R <sub>Y</sub> B	212, 143, 174
Decimal	13930414
CIE Lab	67.05, 30.64, -5.55
CIE LCh	67, 31.142, 349.728
Yxy	36.6972, 0.3539, 0.2910
Android (android.graphics.Color)	4292120494 (0xFFD48FAE)
YUV	167.1650, 3.3697, 39.3203
Hunter-Lab	60.5782, 25.4816, -1.4314

# Details

The YIQ color  $167.1650, 31.1730, 24.2690$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $187.8350, -31.1730, -24.2690$ , and the grayscale version is  $167.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $217.9900, 24.2960, 22.2480$ , and  $114.5560, 28.5140, 22.8980$  is the 20% darker color. If you saturate the color by 10%, you get  $153.4700, 40.8000, 31.5200$ , and if you desaturate by 10%, it is  $180.8600, 21.5460, 17.0180$ .

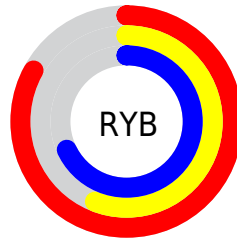
# Distribution



Red (83%)

Green (56%)

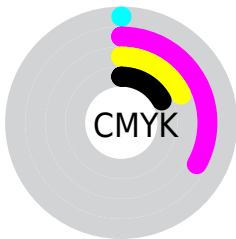
Blue (68%)



Red (83%)

Yellow (56%)

Blue (68%)

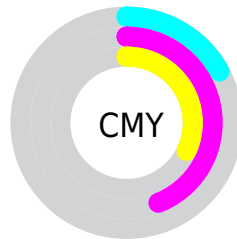


Cyan (0%)

Magenta (33%)

Yellow (18%)

Black (17%)



Cyan (17%)

Magenta (44%)


Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 167.1650, 31.1730, 24.2690 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 167.1650, 31.1730, 24.2690 by changing the saturation by 10% instead.





 167.1650, 31.1730,  
24.2690

 167.1650, 31.1730,  
24.2690


255.0000, -0.0000,  
-0.0000


 140.4530, 30.3020,  
23.5340


 217.9900, 24.2960,  
22.2480


 114.5560, 28.5140,  
22.8980

 237.9770, 7.9750,  
15.1670

 88.9580, 27.3220,  
22.4740

 64.3600, 26.1300,  
22.0500

 40.2890, 24.8920,  
22.4600

 19.2670, 21.9580,  
20.5660

 9.4970, 17.8340,

7.1940

■ 0.0000, 0.0000,  
0.0000

■ 167.1650, 31.1730,  
24.2690

■ 167.1650, 31.1730,  
24.2690

■ 153.4700, 40.8000,  
31.5200

■ 180.8600, 21.5460,  
17.0180

■ 139.8890, 50.1060,  
39.0820

■ 194.4410, 12.2400,  
9.4560

■ 125.6070, 60.0080,  
46.8560

■ 208.7230, 2.3380,  
1.6820

■ 111.9120, 69.6350,  
54.1070

■ 222.4180, -7.2890,  
-5.5690

■ 98.3310, 78.9410,  
61.6690

■ 235.9990,  
-16.5950, -13.1310

■ 84.6360, 88.5680,  
68.9200

■ 240.8890,  
-22.0970, -12.5370

■ 74.2180, 95.8570,  
74.4890

■ 242.1430,  
-25.6280, -9.1160

# Harmonies

## Analogous

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



167.3610, 7.1940, 23.8180



167.1650, 31.1730, 24.2690



166.0660, 44.3330, 17.0450

# Triad

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



167.1650, 31.1730, 24.2690



159.6050, 16.5090, -18.3630



148.5200, -69.2300, -11.8700

# Complementary

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



167.1650, 31.1730, 24.2690



187.8350, -31.1730, -24.2690

# 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.



146.6480, -64.1390, -21.5390



167.1650, 31.1730, 24.2690



155.9700, -9.6240, -23.8320

# Square

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



167.1650, 31.1730, 24.2690



162.1670, 35.7180, -8.5540



151.1160, -39.3340, -25.0460



157.2440, -50.2970, 2.9430



# Rectangle

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



167.1650, 31.1730, 24.2690



164.6930, 46.5810, 9.3410



151.1160, -39.3340, -25.0460



147.1020, -71.1090, -16.3650

# Sweetspot

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



167.1650, 31.1730, 24.2690



238.7290, 11.3690, 8.7210



162.2280, 0.4990, 29.5150



117.5820, 7.2890, 5.5690



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.



167.1650, 31.1730, 24.2690



190.6170, 44.8800, 34.6720



165.3920, 40.2990, 13.0590



99.8590, 4.9510, 3.8870



59.9070, 77.1990, 60.1990



15.0230, 19.5290, 15.0250



# Inverse Universe

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



167.1650, 31.1730, 24.2690



190.6170, 44.8800, 34.6720



189.6080, -40.2990, -13.0590



99.8590, 4.9510, 3.8870



59.9070, 77.1990, 60.1990



15.0230, 19.5290, 15.0250



# Previews

## White Background



This preview shows how the YIQ color 167.1650, 31.1730, 24.2690 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

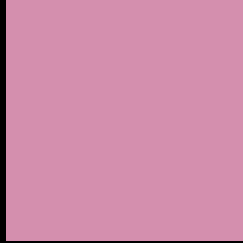
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 167.1650, 31.1730, 24.2690 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

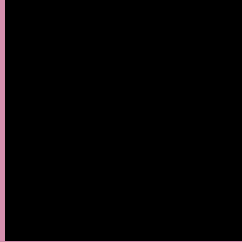
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 167.1650, 31.1730, 24.2690

## Background



This preview shows how black text looks on a background with the YIQ color 167.1650, 31.1730, 24.2690.



This preview shows how white text looks on a background with the YIQ color 167.1650, 31.1730,



# 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

167.1650, 31.1730, 24.2690

### Protanopia

164.1380, -8.8960, 7.0400

### Deuteranopia

165.4510, 6.2800, 7.3360



## Tritanopia

166.3900, 34.6130, 16.9890

# Trichromacy



## Original Color

167.1650, 31.1730, 24.2690

## Protanomaly

165.2540, 5.6370, 13.4850

## Deuteranomaly

165.9300, 15.3570, 13.5410

## Tritanomaly

166.7860, 33.5580, 19.5900

# Monochromacy



## Original Color

167.1650, 31.1730, 24.2690

## Achromatopsia

167.0000, -0.0000, -0.0000

## Achromatomaly

166.8430, 11.0480, 9.0320

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 167.1650, 31.1730, 24.2690 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, 143, 174)` looks like.

```
.text, #text, p{  
    color:rgb(212, 143, 174)  
}
```

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, 143, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 143, 174) }
```

## Border

The CSS property to change the border of an element to YIQ 167.1650, 31.1730, 24.2690 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, 143, 174) }
```



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

```
.border{ border-color:rgb(212, 143, 174) }
```

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

Here you see how a box with a 4 pixel rgb(212, 143, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 143, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 143, 174);  
box-shadow:4px 4px 4px 4px rgb(212, 143,  
174) }
```

# Background

The CSS property to change the background color of an element to YIQ 167.1650, 31.1730, 24.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 143, 174) }
```

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

```
.background{ background-color: rgb(212,  
143, 174) }
```

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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