

# Converting Colors

YIQ(190.4150, 24.2970, 16.7210)

Have a look what the booklet for  
YIQ(190.4150, 24.2970, 16.7210)  
contains.

<b>YIQ(190.4150, 24.2970, 16.7210)</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(190.4150, 24.2970,  
16.7210)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0ADC0
RGB	224, 173, 192
RGB Percent	88%, 68%, 75%
CMY	0.1214, 0.3216, 0.2470
CMYK	0.00, 0.23, 0.14, 0.12
HSL	338°, 45%, 78%
HSV	338°, 23%, 88%
XYZ	55.2072, 49.5384, 56.5334
YIQ	190.4150, 24.2970, 16.7210

# Conversions

## Conversions Part 2

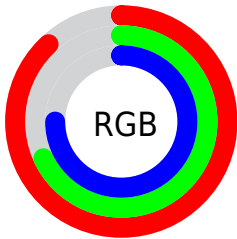
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 173, 192
Decimal	14724544
CIE Lab	75.79, 21.55, -2.50
CIE LCh	76, 21.698, 353.390
Yxy	49.5384, 0.3423, 0.3072
Android (android.graphics.Color)	4292914624 (0xFFE0ADC0)
YUV	190.4150, 0.7814, 29.4540
Hunter-Lab	70.3835, 16.8402, 1.6455

# Details

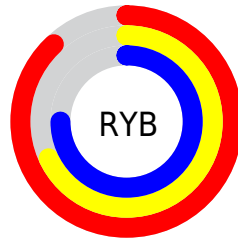
The YIQ color **190.4150, 24.2970, 16.7210** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **206.5850, -24.2970, -16.7210**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.9400, 9.3970, 11.4210**, and **136.5180, 22.5090, 16.0850** is the 20% darker color. If you saturate the color by 10%, you get **175.9050, 34.8410, 23.8730**, and if you desaturate by 10%, it is **204.9250, 13.7530, 9.5690**.

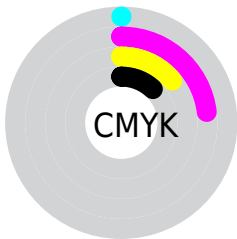
# Distribution



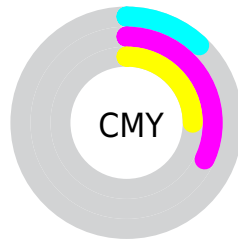
- Red (88%)
- Green (68%)
- Blue (75%)



- Red (88%)
- Yellow (68%)
- Blue (75%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (12%)




- Cyan (12%)
- Magenta (32%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 190.4150, 24.2970, 16.7210 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 190.4150, 24.2970, 16.7210 by changing the saturation by 10% instead.




 190.4150, 24.2970,  
16.7210


 190.4150, 24.2970,  
16.7210


255.0000, -0.0000,  
-0.0000


 163.1160, 23.7010,  
16.5090


 238.9400, 9.3970,  
11.4210

 136.5180, 22.5090,  
16.0850

 110.8060, 21.6380,  
15.3500

 86.2080, 20.4460,  
14.9260

 62.4960, 19.5750,  
14.1910

 39.8980, 18.3830,  
13.7670

 17.2400, 17.4200,

14.7000

■ 2.6910, 5.3640,  
1.9080

■ 0.0000, 0.0000,  
0.0000

■ 190.4150, 24.2970,  
16.7210

■ 190.4150, 24.2970,  
16.7210

■ 175.9050, 34.8410,  
23.8730

■ 204.9250, 13.7530,  
9.5690

■ 160.8080, 45.6600,  
31.5480

■ 220.0220, 2.9340,  
1.8940

■ 146.2980, 56.2040,  
38.7000

■ 234.5320, -7.6100,  
-5.2580

■ 131.2010, 67.0230,  
46.3750

■ 244.9330,  
-16.2290, -8.7490

■ 116.6910, 77.5670,  
53.5270

■ 245.7310,  
-18.4760, -6.5720

■ 102.1810, 88.1110,  
60.6790

■ 87.0840, 98.9300,  
68.3540

■ 76.5520, 106.5400,  
73.6120

# Harmonies

## Analogous

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



190.4440, 8.1580, 17.3580



190.4150, 24.2970, 16.7210



189.3310, 33.1010, 11.3490

# Triad

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



190.4150, 24.2970, 16.7210



183.9450, 9.8600, -13.5000



180.2800, -41.9510, -5.1430

# Complementary

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



190.4150, 24.2970, 16.7210



206.5850, -24.2970, -16.7210

# 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.



178.7220, -40.6200, -12.7480



190.4150, 24.2970, 16.7210



181.3710, -9.0750, -17.2590

# Square

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



190.4150, 24.2970, 16.7210



186.3600, 24.9890, -6.8430



179.3180, -27.9190, -17.1590



184.5360, -30.6280, 4.4120



# Rectangle

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



190.4150, 24.2970, 16.7210



188.8270, 34.3400, 5.4120



179.3180, -27.9190, -17.1590



179.5140, -42.7300, -7.5460

# Sweetspot

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



190.4150, 24.2970, 16.7210



243.1800, 8.4810, 5.9930



188.0830, 2.1050, 22.4330



120.7450, 5.2720, 3.5760



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.



190.4150, 24.2970, 16.7210



209.5950, 32.7780, 22.7140



191.7710, 28.7460, 7.6740



104.7450, 5.2720, 3.5760



60.1480, 83.7100, 57.8380



16.4040, 22.8300, 15.7740



# Inverse Universe

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



190.4150, 24.2970, 16.7210



209.5950, 32.7780, 22.7140



205.2290, -28.7460, -7.6740



104.7450, 5.2720, 3.5760



60.1480, 83.7100, 57.8380



16.4040, 22.8300, 15.7740



# Previews

## White Background



This preview shows how the YIQ color 190.4150, 24.2970, 16.7210 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

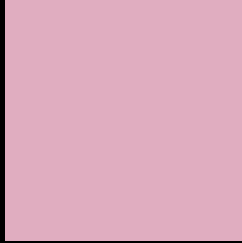
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 190.4150, 24.2970, 16.7210 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

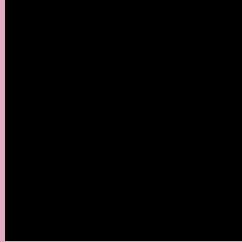
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 190.4150, 24.2970, 16.7210

## Background



This preview shows how black text looks on a background with the YIQ color 190.4150, 24.2970, 16.7210.



This preview shows how white text looks on a background with the YIQ color 190.4150, 24.2970,



# 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

190.4150, 24.2970, 16.7210

### Protanopia

187.8950, -3.8980, 4.5660

### Deuteranopia

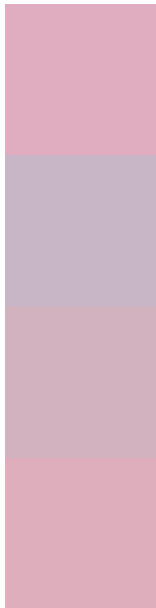
188.9030, 10.8190, 7.6750



## Tritanopia

190.1330, 25.0310, 14.4310

# Trichromacy



## Original Color

190.4150, 24.2970, 16.7210

## Protanomaly

188.5050, 6.1880, 9.0040

## Deuteranomaly

189.3490, 15.4950, 11.0390

## Tritanomaly

190.3610, 24.3890, 15.0530

# Monochromacy



## Original Color

190.4150, 24.2970, 16.7210

## Achromatopsia

190.0000, -0.0000, -0.0000

## Achromatomaly

190.1800, 8.4810, 5.9930

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 190.4150, 24.2970, 16.7210 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(224, 173, 192)` looks like.

```
.text, #text, p{  
    color:rgb(224, 173, 192)  
}
```

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(224, 173, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 173, 192) }
```

## Border

The CSS property to change the border of an element to YIQ 190.4150, 24.2970, 16.7210 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(224, 173, 192) }
```



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

```
.border{ border-color:rgb(224, 173, 192) }
```

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

Here you see how a box with a 4 pixel rgb(224, 173, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 173, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 173, 192);  
box-shadow:4px 4px 4px 4px rgb(224, 173,  
192) }
```

# Background

The CSS property to change the background color of an element to YIQ 190.4150, 24.2970, 16.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 173, 192) }
```

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

```
.background{ background-color: rgb(224,  
173, 192) }
```

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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