

# Converting Colors

YIQ(201.9050, 8.4780, 22.5740)

Have a look what the booklet for  
YIQ(201.9050, 8.4780, 22.5740)  
contains.

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# **Color**

**YIQ(201.9050, 8.4780,  
22.5740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0B9E7
RGB	224, 185, 231
RGB Percent	88%, 73%, 91%
CMY	0.1214, 0.2746, 0.0941
CMYK	0.03, 0.20, 0.00, 0.09
HSL	291°, 49%, 82%
HSV	291°, 20%, 91%
XYZ	62.5194, 56.3129, 83.1753
YIQ	201.9050, 8.4780, 22.5740

# Conversions

## Conversions Part 2

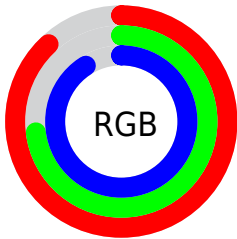
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 185, 231
Decimal	14727655
CIE <sub>Lab</sub>	79.79, 21.94, -17.67
CIE <sub>LCh</sub>	80, 28.174, 321.159
Yxy	56.3129, 0.3095, 0.2788
Android (android.graphics.Color)	4292917735 (0xFFE0B9E7)
YUV	201.9050, 14.3438, 19.3773
Hunter-Lab	75.0419, 17.3897, -13.1868

# Details

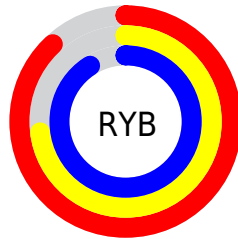
The YIQ color **201.9050, 8.4780, 22.5740** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **214.0950, -8.4780, -22.5740**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7820, 3.8500, 7.3220**, and **147.6660, 7.6530, 21.0050** is the 20% darker color. If you saturate the color by 10%, you get **187.5070, 13.0150, 33.9670**, and if you desaturate by 10%, it is **216.6020, 4.5370, 11.3930**.

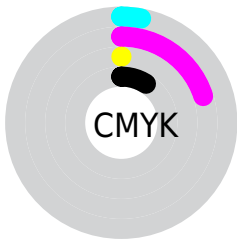
# Distribution



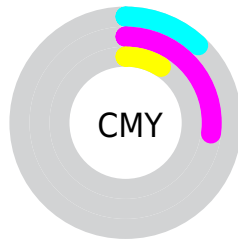
- Red (88%)
- Green (73%)
- Blue (91%)



- Red (88%)
- Yellow (73%)
- Blue (91%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (12%)
- Magenta (27%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 201.9050, 8.4780, 22.5740 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 201.9050, 8.4780, 22.5740 by changing the saturation by 10% instead.



201.9050, 8.4780,  
22.5740

201.9050, 8.4780,  
22.5740

255.0000, -0.0000,  
-0.0000

174.4920, 8.2030,  
22.0510

246.7820, 3.8500,  
7.3220

147.6660, 7.6530,  
21.0050

121.6660, 7.6530,  
21.0050

96.8400, 7.1030,  
19.9590

72.4270, 6.8280,  
19.4360

49.6010, 6.2780,  
18.3900

27.7750, 5.7280,

17.3440

■ 11.1940, 5.8660,  
14.8420

■ 0.0000, 0.0000,  
0.0000

■ 201.9050, 8.4780,  
22.5740

■ 201.9050, 8.4780,  
22.5740

■ 187.5070, 13.0150,  
33.9670

■ 216.6020, 4.5370,  
11.3930

■ 172.8100, 16.9560,  
45.1480

■ 231.0000, -0.0000,  
-0.0000

■ 158.4120, 21.4930,  
56.5410

■ 245.6970, -3.9410,  
-11.1810

■ 143.7150, 25.4340,  
67.7220

■ 247.1810, -2.4280,  
-11.0680

128.7300, 30.2460,  
79.6380

248.3770, -0.0440,  
-10.2200

114.0330, 34.1870,  
90.8190

249.2740, 1.7440,  
-9.5840

99.6350, 38.7240,  
102.2120

250.4700, 4.1280,  
-8.7360

84.9380, 42.6650,  
113.3930

251.3670, 5.9160,  
-8.1000

252.2640, 7.7040,  
-7.4640

# Harmonies

## Analogous

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



199.4440, -18.2050, 16.0590



201.9050, 8.4780, 22.5740



201.9260, 30.3480, 22.7000

# Triad

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



201.9050, 8.4780, 22.5740



196.9110, 33.5630, -8.0450



185.2470, -55.5200, -18.0480

# Complementary

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



201.9050, 8.4780, 22.5740



214.0950, -8.4780, -22.5740

# 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.



187.5510, -36.1250, -22.6290



201.9050, 8.4780, 22.5740



194.6480, 14.9500, -17.6420

# Square

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



201.9050, 8.4780, 22.5740



199.5630, 43.8310, 4.1110



191.6110, -9.9910, -22.6870



187.7880, -58.1810, -8.3650



# Rectangle

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



201.9050, 8.4780, 22.5740



201.6680, 39.7020, 18.3740



191.6110, -9.9910, -22.6870



186.0040, -50.5220, -20.5220

# Sweetspot

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



201.9050, 8.4780, 22.5740



245.5970, 2.9330, 7.4210



194.9400, -16.9660, 10.1220



122.1190, 1.2830, 4.2830



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.



201.9050, 8.4780, 22.5740



216.5020, 11.4110, 29.9950



202.2880, 17.4650, 19.3930



107.3580, 2.1080, 5.8520



65.5550, 32.5370, 87.6810



18.6710, 9.2570, 24.9770



# Inverse Universe

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



199.5520, 25.1690, 11.9290



213.2650, 33.4670, 15.7310



213.7120, -17.4650, -19.3930



106.8160, 6.5100, 3.1660



56.5990, 98.0170, 46.3450

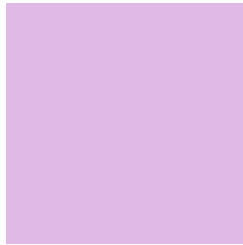


16.1610, 27.8280, 13.3000



# Previews

## White Background



This preview shows how the YIQ color 201.9050, 8.4780, 22.5740 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

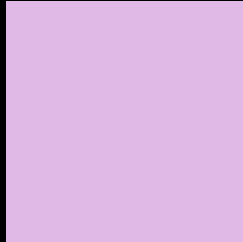
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 201.9050, 8.4780, 22.5740 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

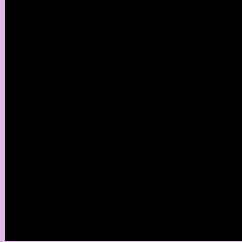
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 201.9050, 8.4780, 22.5740

## Background



This preview shows how black text looks on a background with the YIQ color 201.9050, 8.4780, 22.5740.



This preview shows how white text looks on a background with the YIQ color 201.9050, 8.4780,



# 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

201.9050, 8.4780, 22.5740

### Protanopia

198.8090, -17.9750, 11.8890

### Deuteranopia

199.7950, -6.1920, 13.1040



## Tritanopia

200.6800, 13.0650, 11.0250

# Trichromacy



## Original Color

201.9050, 8.4780, 22.5740

## Protanomaly

200.0060, -8.1640, 15.8040

## Deuteranomaly

200.5400, -0.9200, 16.6800

## Tritanomaly

200.8310, 11.3220, 15.0820

# Monochromacy



## Original Color

201.9050, 8.4780, 22.5740

## Achromatopsia

202.0000, -0.0000, 0.0000

## Achromatomaly

202.1240, 2.8870, 8.2550

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 201.9050, 8.4780, 22.5740 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, 185, 231)` looks like.

```
.text, #text, p{  
    color:rgb(224, 185, 231)  
}
```

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, 185, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 185, 231) }
```

## Border

The CSS property to change the border of an element to YIQ 201.9050, 8.4780, 22.5740 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, 185, 231) }
```



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

```
.border{ border-color:rgb(224, 185, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 185, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 185, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 185, 231);  
box-shadow:4px 4px 4px 4px rgb(224, 185,  
231) }
```

# Background

The CSS property to change the background color of an element to YIQ 201.9050, 8.4780, 22.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 185, 231) }
```

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

```
.background{ background-color: rgb(224,  
185, 231) }
```

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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