

# Converting Colors

YIQ(177.7210, 24.1560, 35.8040)

Have a look what the booklet for  
YIQ(177.7210, 24.1560, 35.8040)  
contains.

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# Color

**YIQ(177.7210, 24.1560,  
35.8040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF94D4
RGB	223, 148, 212
RGB Percent	87%, 58%, 83%
CMY	0.1253, 0.4197, 0.1686
CMYK	0.00, 0.34, 0.05, 0.13
HSL	309°, 54%, 73%
HSV	309°, 34%, 87%
XYZ	52.9187, 41.6209, 67.5397
YIQ	177.7210, 24.1560, 35.8040

# Conversions

## Conversions Part 2

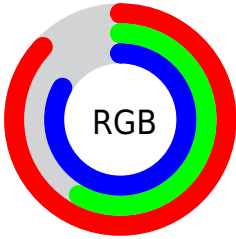
Format	Color
<a href="#">RYB</a>	<a href="#">223, 148, 212</a>
Decimal	<a href="#">14652628</a>
CIELab	<a href="#">70.61, 38.02, -21.24</a>
CIElCh	<a href="#">71, 43.551, 330.807</a>
Yxy	<a href="#">41.6209, 0.3265, 0.2568</a>
Android (android.graphics.Color)	<a href="#">4292842708 (0xFFDF94D4)</a>
YUV	<a href="#">177.7210, 16.8995, 39.7097</a>
Hunter-Lab	<a href="#">64.5142, 33.5173, -16.9105</a>

# Details

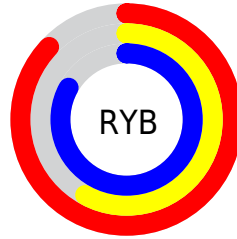
The YIQ color **177.7210, 24.1560, 35.8040** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **193.2790, -24.1560, -35.8040**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.4760, 14.3000, 27.1960**, and **124.1830, 22.7350, 34.0230** is the 20% darker color. If you saturate the color by 10%, you get **164.4650, 31.1690, 46.3770**, and if you desaturate by 10%, it is **190.9770, 17.1430, 25.2310**.

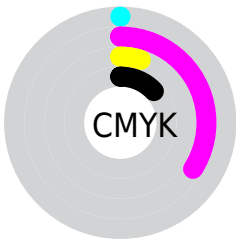
# Distribution



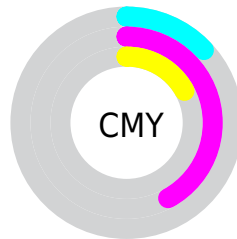
- Red (87%)
- Green (58%)
- Blue (83%)



- Red (87%)
- Yellow (58%)
- Blue (83%)



- Cyan (0%)
- Magenta (34%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (42%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 177.7210, 24.1560, 35.8040 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 177.7210, 24.1560, 35.8040 by changing the saturation by 10% instead.



177.7210, 24.1560,  
35.8040

177.7210, 24.1560,  
35.8040

255.0000, -0.0000,  
-0.0000

150.3080, 23.8810,  
35.2810

224.4760, 14.3000,  
27.1960

124.1830, 22.7350,  
34.0230

241.4990, 6.3250,  
12.0290

98.1720, 21.2680,  
33.0760

72.8730, 20.6720,  
32.8640

46.9870, 20.3510,  
33.1750

25.1500, 18.3340,  
31.1820

16.7760, 13.1550,

20.4110

■ 1.3680, -3.8520,  
3.7320

■ 0.0000, 0.0000,  
0.0000

■ 177.7210, 24.1560,  
35.8040

■ 177.7210, 24.1560,  
35.8040

■ 164.4650, 31.1690,  
46.3770

■ 190.9770, 17.1430,  
25.2310

■ 150.5080, 38.7780,  
57.1620

■ 204.9340, 9.5340,  
14.4460

■ 137.2520, 45.7910,  
67.7350

■ 218.1900, 2.5210,  
3.8730

■ 123.9960, 52.8040,  
78.3080

■ 231.4460, -4.4920,  
-6.7000

110.1530, 60.0920,  
89.4040

242.3540,  
-10.4050, -15.1810

96.7830, 67.4260,  
99.6660

242.8100,  
-11.6890, -13.9370

88.3370, 71.9180,  
106.3660

243.1520,  
-12.6520, -13.0040

243.4940,  
-13.6150, -12.0710

243.9500,  
-14.8990, -10.8270

# Harmonies

## Analogous

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



175.7900, -15.8230, 27.9610



177.7210, 24.1560, 35.8040



176.0430, 52.3080, 32.2120

# Triad

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



177.7210, 24.1560, 35.8040



169.7680, 40.8550, -19.0570



136.8720, -120.8520, -34.4840

# Complementary

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



177.7210, 24.1560, 35.8040



193.2790, -24.1560, -35.8040

# 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.



142.8800, -88.9400, -40.1400



177.7210, 24.1560, 35.8040



165.2200, 9.8630, -30.0810

# Square

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



177.7210, 24.1560, 35.8040



172.4860, 59.9250, -1.2190



158.6850, -31.1710, -35.3230



137.2430, -128.7860, -22.8500



# Rectangle

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



177.7210, 24.1560, 35.8040



174.5630, 62.1670, 24.2390



158.6850, -31.1710, -35.3230



136.0910, -117.2750, -38.7390

# Sweetspot

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



177.7210, 24.1560, 35.8040



239.8690, 8.1590, 11.8310



159.5400, -18.1150, 25.4450



118.2660, 5.3630, 7.4350



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.



177.7210, 24.1560, 35.8040



193.4160, 32.8650, 48.6810



173.6170, 35.7120, 24.6080



105.4290, 3.3460, 5.4420



69.7240, 56.7460, 83.9620



19.0260, 15.4470, 22.9270



# Inverse Universe

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



177.7210, 24.1560, 35.8040



193.4160, 32.8650, 48.6810



197.4970, -36.0330, -24.2970



105.4290, 3.3460, 5.4420



69.7240, 56.7460, 83.9620

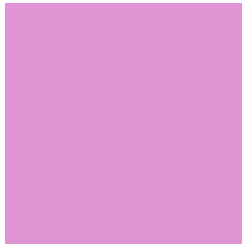


19.0260, 15.4470, 22.9270



# Previews

## White Background



This preview shows how the YIQ color 177.7210, 24.1560, 35.8040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

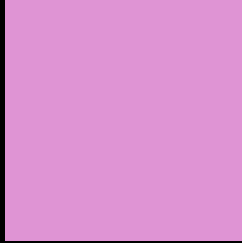
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 177.7210, 24.1560, 35.8040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

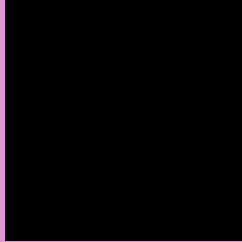
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 177.7210, 24.1560, 35.8040

## Background



This preview shows how black text looks on a background with the YIQ color 177.7210, 24.1560, 35.8040.



This preview shows how white text looks on a background with the YIQ color 177.7210, 24.1560,

35.8040.

# 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

177.7210, 24.1560, 35.8040

### Protanopia

173.4260, -26.9620, 15.0700

### Deuteranopia

174.6420, -10.1350, 12.9770



## Tritanopia

175.9060, 33.1000, 16.8760

# Trichromacy



## Original Color

177.7210, 24.1560, 35.8040



## Protanomaly

175.2220, -8.5320, 22.4760



## Deuteranomaly

175.4420, 2.4720, 21.2880



## Tritanomaly

176.5670, 29.9810, 23.8450

# Monochromacy



## Original Color

177.7210, 24.1560, 35.8040



## Achromatopsia

178.0000, -0.0000, -0.0000



## Achromatomaly

177.6950, 8.7090, 12.8770

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 177.7210, 24.1560, 35.8040 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(223, 148, 212)` looks like.

```
.text, #text, p{  
    color:rgb(223, 148, 212)  
}
```

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(223, 148, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 148, 212) }
```

## Border

The CSS property to change the border of an element to YIQ 177.7210, 24.1560, 35.8040 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(223, 148, 212) }
```



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

```
.border{ border-color:rgb(223, 148, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 148, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 148, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 148, 212);  
box-shadow:4px 4px 4px 4px rgb(223, 148,  
212) }
```

# Background

The CSS property to change the background color of an element to YIQ 177.7210, 24.1560, 35.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 148, 212) }
```

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

```
.background{ background-color: rgb(223,  
148, 212) }
```

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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