# Converting Colors

YIQ(93.2630, 74.7620, 98.8740)

Have a look what the booklet for YIQ(93.2630, 74.7620, 98.8740) contains.

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# Color

YIQ(93.2630, 74.7620, 98.8740)

# Conversions

Conversions Part 1

| Format | Color |
| --- | --- |
| Hex | E209B3 |
| RGB | 226, 9, 179 |
| RGB Percent | 89%, 4%, 70% |
| CMY | 0.1131, 0.9649, 0.2979 |
| CMYK | 0.00, 0.96, 0.21, 0.11 |
| HSL | 313°, 92%, 46% |
| HSV | 313°, 96%, 89% |
| XYZ | 39.6515, 19.6442, 44.3720 |
| YIQ | 93.2630, 74.7620, 98.8740 |

# Conversions

Conversions Part 2

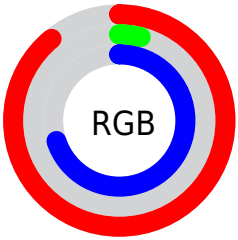
| Format | Color |
| --- | --- |
| RYB | 226, 9, 179 |
| Decimal | 14813619 |
| CIELab | 51.43, 82.95, -32.02 |
| CIELCh | 51, 88.910, 338.894 |
| Yxy | 19.6442, 0.3825, 0.1895 |
| Android (android.graphics.Color) | 4293003699 (0xFFE209B3) |
| YUV | 93.2630, 42.2683, 116.4103 |
| Hunter-Lab | 44.3218, 82.1278, -28.3319 |

# Details

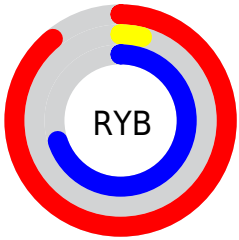
The YIQ color 93.2630, 74.7620, 98.8740 is a dark color, and the websafe version is hex FF33CC. The color can be described as middle washed rose. A complement of this color would be 141.7370, -74.7620, -98.8740, and the grayscale version is 93.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 160.5610, 49.5950, 75.8910, and 63.9980, 58.4900, 74.3780 is the 20% darker color. If you saturate the color by 10%, you get 87.7520, 77.8790, 102.9590, and if you desaturate by 10%, it is 107.3340, 66.8320, 88.4000.

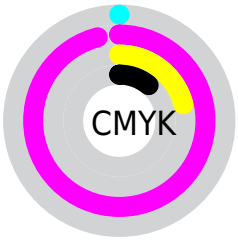
# Distribution



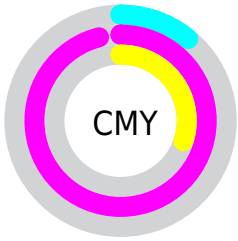

- Red (89%)
- Green (4%)
- Blue (70%)




- Red (89%)
- Yellow (4%)
- Blue (70%)




- Cyan (0%)
- Magenta (96%)
- Yellow (21%)
- Black (11%)




- Cyan (11%)
- Magenta (96%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 93.2630, 74.7620, 98.8740 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 93.2630, 74.7620, 98.8740 by changing the saturation by 10% instead.

93.2630, 74.7620, 98.8740

255.0000, -0.0000, -0.0000

160.5610, 49.5950, 75.8910

181.0380, 34.6500, 65.8980

198.6480, 26.4000, 50.2080

216.8450, 17.8750, 33.9950

234.4550, 9.6250, 18.3050

252.0650, 1.3750,

93.2630, 74.7620, 98.8740

75.9320, 68.0240, 88.8240

63.9980, 58.4900, 74.3780

52.1780, 48.6350, 60.2430

40.6570, 39.3760, 46.3200

29.6630, 30.0710, 33.2310

18.4840, 19.8490, 20.2410

2.3920, 4.7680,

2.6150

1.6960

0.0000, 0.0000, 0.0000

93.2630, 74.7620, 98.8740

93.2630, 74.7620, 98.8740

87.7520, 77.8790, 102.9590

107.3340, 66.8320, 88.4000

120.8180, 59.1770, 78.4490

134.8890, 51.2470, 67.9750

148.3730, 43.5920, 58.0240

162.4440, 35.6620, 47.5500

176.4010, 28.0530, 36.7650

189.8850, 20.3980, 26.8140

203.9560, 12.4680, 16.3400

217.4400, 4.8130, 6.3890

# Harmonies

## Analogous

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

123.3110, -14.5910, 60.7130

93.2630, 74.7620, 98.8740

86.9050, 116.2120, 85.5560

# Triad

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

93.2630, 74.7620, 98.8740

113.1200, 41.9590, -39.0730

114.6630, -112.0530, -12.2210

# Complementary

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

93.2630, 74.7620, 98.8740

141.7370, -74.7620, -98.8740

# 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.

106.2270, -88.2990, -35.2350

93.2630, 74.7620, 98.8740

91.7150, -23.8290, -69.2770

# Square

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

93.2630, 74.7620, 98.8740

114.6350, 86.8860, -10.7620

95.2320, -61.4730, -58.8570

114.7720, -122.0050, 2.9470

# Rectangle

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

93.2630, 74.7620, 98.8740

83.3350, 125.8440, 65.1720

95.2320, -61.4730, -58.8570

112.0410, -104.6700, -19.3740

# Sweetspot

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

93.2630, 74.7620, 98.8740

209.7380, 25.4860, 33.7260

47.7910, -41.6450, 77.4510

100.4450, 15.5850, 20.4250

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.

93.2630, 74.7620, 98.8740

99.0450, 87.7800, 116.2600

80.8370, 109.7510, 64.9750

105.3150, 3.6670, 5.1310

68.3560, 60.5980, 80.2300

18.6840, 16.4100, 21.9940

# Inverse Universe

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

93.2630, 74.7620, 98.8740

99.0450, 87.7800, 116.2600

154.1630, -109.7510, -64.9750

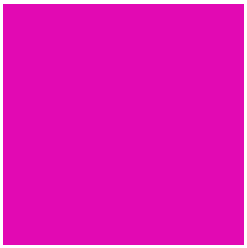
105.3150, 3.6670, 5.1310

68.3560, 60.5980, 80.2300

18.6840, 16.4100, 21.9940

# Previews

## White Background



This preview shows how the YIQ color 93.2630, 74.7620, 98.8740 looks on a white background.

### Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

# 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 ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

# YIQ 93.2630, 74.7620, 98.8740

## Background

This preview shows how black text looks on a background with the YIQ color 93.2630, 74.7620, 98.8740.

This preview shows how white text looks on a background with the YIQ color 93.2630, 74.7620,

98.8740.

# 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**
93.2630, 74.7620, 98.8740

**Protanopia**
102.9950, -105.9150, 19.7250

**Deuteranopia**
123.9550, -21.3220, 11.9740

**Tritanopia**
115.4090, 86.3280, 32.4080

## Trichromacy

**Original Color**
93.2630, 74.7620, 98.8740

**Protanomaly**
99.4600, -40.3560, 48.5720

**Deuteranomaly**
112.9020, 13.7010, 43.5650

**Tritanomaly**
107.1370, 82.2430, 56.8910

## Monochromacy

**Original Color**
93.2630, 74.7620, 98.8740

**Achromatopsia**
93.0000, -0.0000, -0.0000

**Achromatomaly**
92.6890, 27.1820, 36.0300

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 93.2630, 74.7620, 98.8740 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(226, 9, 179) looks like.

```
.text, #text, p{
    color:rgb(226, 9, 179)
}
```

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(226, 9, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 9, 179) }
```

## Border

The CSS property to change the border of an element to YIQ 93.2630, 74.7620, 98.8740 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(226, 9, 179) }
```

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

```
.border{ border-color:rgb(226, 9, 179) }
```

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

Here you see how a box with a 4 pixel rgb(226, 9, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 9, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 9, 179); box-shadow:4px 4px 4px 4px rgb(226, 9, 179) }
```

# Background

The CSS property to change the background color of an element to YIQ 93.2630, 74.7620, 98.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(226, 9, 179) }
```

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

```
.background{ background-color:rgb(226, 9, 179) }
```

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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