

Converting Colors

YIQ(101.9850, 77.7000, 78.6600)

Have a look what the booklet for
YIQ(101.9850, 77.7000, 78.6600)
contains.

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Color

**YIQ(101.9850, 77.7000,
78.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	E11E96
RGB	225, 30, 150
RGB Percent	88%, 12%, 59%
CMY	0.1171, 0.8826, 0.4115
CMYK	0.00, 0.87, 0.33, 0.12
HSL	323°, 77%, 50%
HSV	323°, 87%, 88%
XYZ	37.0658, 19.1578, 30.6216
YIQ	101.9850, 77.7000, 78.6600

Conversions

Conversions Part 2

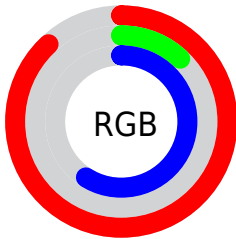
Format	Color
R_{YB}	225, 30, 150
Decimal	14753430
CIE _{Lab}	50.87, 77.06, -15.74
CIE _{LCh}	51, 78.651, 348.456
Yxy	19.1578, 0.4268, 0.2206
Android (android.graphics.Color)	4292943510 (0xFFE11E96)
YUV	101.9850, 23.6714, 107.8842
Hunter-Lab	43.7697, 74.5638, -10.8410

Details

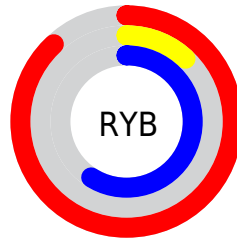
The YIQ color **101.9850, 77.7000, 78.6600** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **153.0150, -77.7000, -78.6600**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.9620, 58.1710, 63.6350**, and **60.3220, 65.9650, 65.5570** is the 20% darker color. If you saturate the color by 10%, you get **87.4580, 86.9140, 87.8900**, and if you desaturate by 10%, it is **115.9250, 68.7610, 69.9530**.

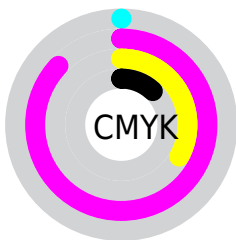
Distribution



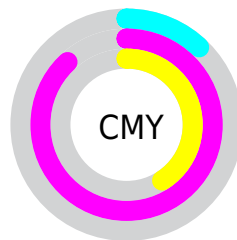
- Red (88%)
- Green (12%)
- Blue (59%)



- Red (88%)
- Yellow (12%)
- Blue (59%)



- Cyan (0%)
- Magenta (87%)
- Yellow (33%)
- Black (12%)





- Cyan (12%)
- Magenta (88%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 101.9850, 77.7000, 78.6600 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 101.9850, 77.7000, 78.6600 by changing the saturation by 10% instead.


 101.9850, 77.7000,
78.6600

 101.9850, 77.7000,
78.6600


255.0000, -0.0000,
-0.0000


 72.4410, 76.4160,
79.9040


 159.9620, 58.1710,
63.6350


 60.3220, 65.9650,
65.5570


 180.7640, 40.9330,
56.6530


 48.9150, 56.3850,
51.9450


 200.9960, 25.3000,
48.1160

 37.3230, 45.8880,
38.4320

 218.6060, 17.0500,
32.4260

 26.9700, 36.2160,
26.4880

 236.2160, 8.8000,
16.7360

 14.5800, 27.9660,
10.7980

253.8260, 0.5500,

 0.0000, 0.0000,

1.0460

0.0000

■ 101.9850, 77.7000,
78.6600

■ 101.9850, 77.7000,
78.6600

■ 87.4580, 86.9140,
87.8900

■ 115.9250, 68.7610,
69.9530

■ 83.1210, 89.4810,
90.9290

■ 130.3380, 59.8680,
60.4120

■ 144.2780, 50.9290,
51.7050

■ 158.8050, 41.7150,
42.4750

■ 173.2180, 32.8220,
32.9340

■ 187.1580, 23.8830,
24.2270

■ 201.6850, 14.6690,
14.9970

■ 215.5110, 6.0510,
5.9790

■ 230.0380, -3.1630,
-3.2510

Harmonies

Analogous

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



122.1540, 13.6520, 60.9800



101.9850, 77.7000, 78.6600



96.1630, 105.7170, 60.9890

Triad

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



101.9850, 77.7000, 78.6600



109.1890, 28.3430, -45.6170



111.4830, -111.3660, -8.1500

Complementary

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



101.9850, 77.7000, 78.6600



153.0150, -77.7000, -78.6600

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.



106.5180, -93.2520, -28.0680



101.9850, 77.7000, 78.6600



84.1520, -41.2970, -72.0890

Square

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



101.9850, 77.7000, 78.6600



114.2150, 70.1530, -21.3910



97.3640, -70.2320, -48.7920



109.3750, -119.2090, 7.3430

Rectangle

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



101.9850, 77.7000, 78.6600



106.4570, 103.5680, 28.3360



97.3640, -70.2320, -48.7920



110.7190, -106.4590, -14.4830

Sweetspot

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



101.9850, 77.7000, 78.6600



213.2940, 26.4960, 26.4320



74.6550, -17.8950, 76.5450



102.6960, 16.1360, 15.9440



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.



101.9850, 77.7000, 78.6600



94.1430, 101.5830, 102.8870



90.9270, 108.8370, 48.4930



105.0870, 4.3090, 4.5090



64.9360, 70.2280, 70.9000



17.7720, 18.9780, 19.5060

Inverse Universe

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



101.9850, 77.7000, 78.6600



94.1430, 101.5830, 102.8870



164.0730, -108.8370, -48.4930



105.0870, 4.3090, 4.5090



64.9360, 70.2280, 70.9000



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 101.9850, 77.7000, 78.6600 looks on a white background.

Color Contrast Check

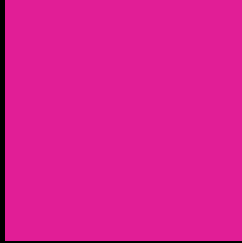
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 101.9850, 77.7000, 78.6600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

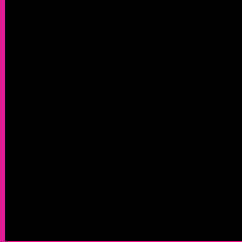
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 101.9850, 77.7000, 78.6600

Background



This preview shows how black text looks on a background with the YIQ color 101.9850, 77.7000, 78.6600.



This preview shows how white text looks on a background with the YIQ color 101.9850, 77.7000,

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

101.9850, 77.7000, 78.6600

Protanopia

118.4960, -50.3460, 20.3580

Deuteranopia

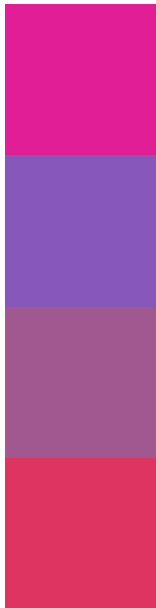
123.1880, -3.1650, 7.8030



Tritanopia

110.9860, 92.0130, 34.0050

Trichromacy



Original Color

101.9850, 77.7000, 78.6600

Protanomaly

112.8660, -3.8130, 41.5870

Deuteranomaly

115.6240, 25.8070, 33.4150

Tritanomaly

107.9600, 86.8750, 50.0350

Monochromacy



Original Color

101.9850, 77.7000, 78.6600

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.1310, 28.5130, 28.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.9850, 77.7000, 78.6600 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(225, 30, 150)` looks like.

```
.text, #text, p{  
    color:rgb(225, 30, 150)  
}
```

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(225, 30, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 30, 150) }
```

Border

The CSS property to change the border of an element to YIQ 101.9850, 77.7000, 78.6600 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(225, 30, 150) }
```


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

```
.border{ border-color:rgb(225, 30, 150) }
```

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

Here you see how a box with a 4 pixel rgb(225, 30, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 30, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 30, 150);  
box-shadow:4px 4px 4px 4px rgb(225, 30,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 101.9850, 77.7000, 78.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 30, 150) }
```

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

```
.background{ background-color: rgb(225, 30,  
150) }
```

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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