

Converting Colors

YIQ(90.7580, 85.7690, 81.1050)

Have a look what the booklet for
YIQ(90.7580, 85.7690, 81.1050)
contains.

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Color

**YIQ(90.7580, 85.7690,
81.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	DF0F86
RGB	223, 15, 134
RGB Percent	87%, 6%, 53%
CMY	0.1249, 0.9414, 0.4743
CMYK	0.00, 0.93, 0.40, 0.12
HSL	326°, 87%, 47%
HSV	326°, 93%, 88%
XYZ	34.9532, 17.7732, 24.1657
YIQ	90.7580, 85.7690, 81.1050

Conversions

Conversions Part 2

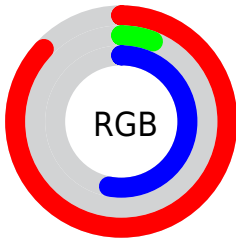
Format	Color
R_{YB}	223, 15, 134
Decimal	14618502
CIE Lab	49.22, 77.10, -8.64
CIE LCh	49, 77.585, 353.604
Yxy	17.7732, 0.4546, 0.2311
Android (android.graphics.Color)	4292808582 (0xFFDF0F86)
YUV	90.7580, 21.3183, 115.9762
Hunter-Lab	42.1583, 74.2165, -4.4751

Details

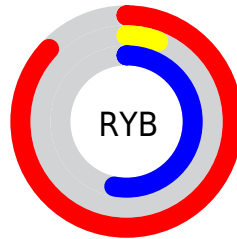
The YIQ color **90.7580, 85.7690, 81.1050** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **147.2420, -85.7690, -81.1050**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.5020, 65.2780, 61.4860**, and **58.1280, 69.2670, 60.7790** is the 20% darker color. If you saturate the color by 10%, you get **81.2690, 91.8200, 87.0840**, and if you desaturate by 10%, it is **104.8120, 76.5090, 72.7090**.

Distribution



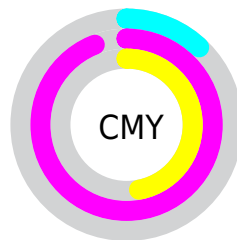
- Red (87%)
- Green (6%)
- Blue (53%)



- Red (87%)
- Yellow (6%)
- Blue (53%)



- Cyan (0%)
- Magenta (93%)
- Yellow (40%)
- Black (12%)





- Cyan (12%)
- Magenta (94%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.7580, 85.7690, 81.1050 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 90.7580, 85.7690, 81.1050 by changing the saturation by 10% instead.


 90.7580, 85.7690,
81.1050


 90.7580, 85.7690,
81.1050


255.0000, -0.0000,
-0.0000


 69.8340, 79.4430,
74.6030


 154.5020, 65.2780,
61.4860


 58.1280, 69.2670,
60.7790


 175.3040, 48.0400,
54.5040


 46.4220, 59.0910,
46.9550


 196.1060, 30.8020,
47.5220

 35.0580, 47.9520,
34.0640

 215.0840, 18.7000,
35.5640

 24.2920, 38.0050,
21.5970

 232.6940, 10.4500,
19.8740

 12.9710, 25.3070,
9.4270

 250.3040, 2.2000,

 0.0000, 0.0000,

4.1840

0.0000

■ 90.7580, 85.7690,
81.1050

■ 90.7580, 85.7690,
81.1050

■ 81.2690, 91.8200,
87.0840

■ 104.8120, 76.5090,
72.7090

■ 119.3390, 67.2950,
63.4790

■ 133.3930, 58.0350,
55.0830

■ 147.3330, 49.0960,
46.3760

■ 161.9740, 39.5610,
37.4570

■ 175.9140, 30.6220,
28.7500

■ 189.9680, 21.3620,
20.3540

■ 203.9080, 12.4230,
11.6470

■ 218.5490, 2.8880,
2.7280

Harmonies

Analogous

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



116.0800, 25.6640, 63.5520



90.7580, 85.7690, 81.1050



94.5230, 104.3430, 52.8470

Triad

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



90.7580, 85.7690, 81.1050



103.2310, 19.3570, -47.9630



108.1890, -110.3580, -4.3900

Complementary

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



90.7580, 85.7690, 81.1050



147.2420, -85.7690, -81.1050

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.



104.2670, -93.8030, -23.5870



90.7580, 85.7690, 81.1050



84.5570, -46.5710, -64.6110

Square

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



90.7580, 85.7690, 81.1050



110.0290, 61.8090, -24.3590



95.9280, -71.7000, -44.2120



104.8100, -116.0000, 9.7600

Rectangle

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



90.7580, 85.7690, 81.1050



103.8060, 100.7270, 19.2470



95.9280, -71.7000, -44.2120



107.5390, -105.7720, -10.4120

Sweetspot

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



90.7580, 85.7690, 81.1050



209.7890, 29.4760, 27.4920



64.7250, -14.9160, 83.1320



100.0060, 18.1990, 17.1030



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.



90.7580, 85.7690, 81.1050



92.8890, 105.1140, 99.4660



79.1300, 118.5110, 49.3830



104.9730, 4.6300, 4.1980



64.1380, 72.4750, 68.7230



17.5440, 19.6200, 18.8840

Inverse Universe

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



90.7580, 85.7690, 81.1050



92.8890, 105.1140, 99.4660



158.8700, -118.5110, -49.3830



104.9730, 4.6300, 4.1980



64.1380, 72.4750, 68.7230



17.5440, 19.6200, 18.8840

Previews

White Background



This preview shows how the YIQ color 90.7580, 85.7690, 81.1050 looks on a white background.

Color Contrast Check

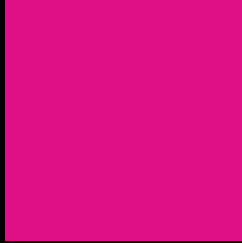
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 90.7580, 85.7690, 81.1050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

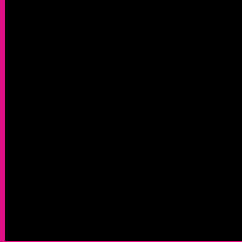
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 90.7580, 85.7690, 81.1050

Background



This preview shows how black text looks on a background with the YIQ color 90.7580, 85.7690, 81.1050.



This preview shows how white text looks on a background with the YIQ color 90.7580, 85.7690,

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

90.7580, 85.7690, 81.1050

Protanopia

116.4770, -40.1670, 17.6010

Deuteranopia

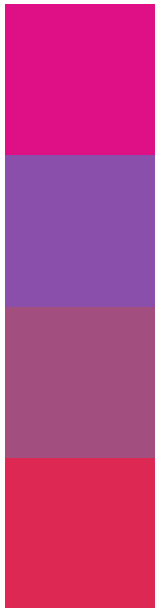
119.6140, 4.2630, 5.3430



Tritanopia

103.5630, 97.6980, 35.6020

Trichromacy



Original Color

90.7580, 85.7690, 81.1050

Protanomaly

107.0150, 5.9530, 40.8090

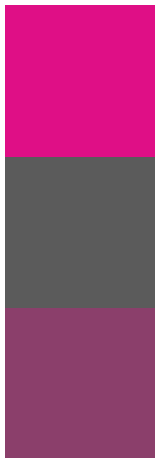
Deuteranomaly

109.4030, 33.7390, 32.8350

Tritanomaly

99.1350, 93.7520, 52.0560

Monochromacy



Original Color

90.7580, 85.7690, 81.1050

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.7400, 31.1720, 29.7960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.7580, 85.7690, 81.1050 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, 15, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 15, 134)  
}
```

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, 15, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 15, 134) }
```

Border

The CSS property to change the border of an element to YIQ 90.7580, 85.7690, 81.1050 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, 15, 134) }
```


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

```
.border{ border-color:rgb(223, 15, 134) }
```

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

Here you see how a box with a 4 pixel rgb(223, 15, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 15, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 15, 134);  
box-shadow:4px 4px 4px 4px rgb(223, 15,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 90.7580, 85.7690, 81.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 15, 134) }
```

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

```
.background{ background-color: rgb(223, 15,  
134) }
```

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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