

Converting Colors

YIQ(84.1280, 34.8770, 78.3090)

Have a look what the booklet for
YIQ(84.1280, 34.8770, 78.3090)
contains.

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Color

**YIQ(84.1280, 34.8770,
78.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	A618B3
RGB	166, 24, 179
RGB Percent	65%, 9%, 70%
CMY	0.3486, 0.9061, 0.2980
CMYK	0.07, 0.87, 0.00, 0.30
HSL	295°, 76%, 40%
HSV	295°, 87%, 70%
XYZ	24.2117, 12.0247, 43.6952
YIQ	84.1280, 34.8770, 78.3090

Conversions

Conversions Part 2

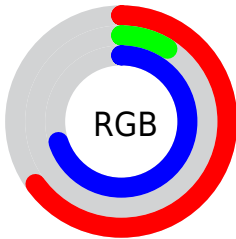
Format	Color
R_{YB}	166, 24, 179
Decimal	10885299
CIE _{Lab}	41.26, 70.17, -48.81
CIE _{LCh}	41, 85.471, 325.179
Yxy	12.0247, 0.3029, 0.1504
Android (android.graphics.Color)	4289075379 (0xFFA618B3)
YUV	84.1280, 46.7719, 71.8017
Hunter-Lab	34.6766, 63.9472, -50.4364

Details

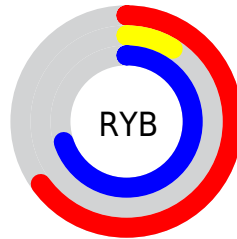
The YIQ color **84.1280, 34.8770, 78.3090** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **118.8720, -34.8770, -78.3090**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.5960, 33.3190, 73.5030**, and **46.8410, 24.8390, 61.9830** is the 20% darker color. If you saturate the color by 10%, you get **73.2630, 39.2310, 87.5110**, and if you desaturate by 10%, it is **95.2920, 31.1190, 69.3190**.

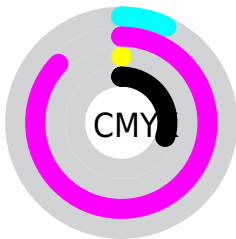
Distribution



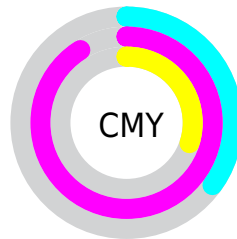
- Red (65%)
- Green (9%)
- Blue (70%)



- Red (65%)
- Yellow (9%)
- Blue (70%)



- Cyan (7%)
- Magenta (87%)
- Yellow (0%)
- Black (30%)



- Cyan (35%)
- Magenta (91%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.1280, 34.8770, 78.3090 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 84.1280, 34.8770, 78.3090 by changing the saturation by 10% instead.

■ 84.1280, 34.8770,
78.3090

■ 84.1280, 34.8770,
78.3090

■ 255.0000, -0.0000,
-0.0000

■ 58.2910, 32.8600,
76.3160

■ 147.5960, 33.3190,
73.5030

■ 46.8410, 24.8390,
61.9830

■ 175.7550, 37.1250,
70.6050

■ 35.6190, 16.1760,
48.2720

■ 192.7780, 29.1500,
55.4380

■ 25.2940, 9.3010,
35.1970

■ 209.8010, 21.1750,
40.2710

■ 13.5880, -0.8750,
21.3730

■ 226.8240, 13.2000,
25.1040

■ 4.4800, -9.8590,
7.9730

■ 243.8470, 5.2250,

■ 0.0000, 0.0000,

9.9370

0.0000

■ 84.1280, 34.8770,
78.3090

■ 84.1280, 34.8770,
78.3090

■ 73.2630, 39.2310,
87.5110

■ 95.2920, 31.1190,
69.3190

■ 69.4420, 40.2850,
90.4370

■ 106.1570, 26.7650,
60.1170

■ 117.3210, 23.0070,
51.1270

■ 128.1860, 18.6530,
41.9250

■ 138.7630, 15.1700,
33.4580

■ 149.6280, 10.8160,
24.2560

■ 160.7920, 7.0580,
15.2660

■ 171.6570, 2.7040,
6.0640

■ 182.8210, -1.0540,
-2.9260

Harmonies

Analogous

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



79.0730, -88.2190, 29.4210



84.1280, 34.8770, 78.3090



75.2590, 88.6120, 79.1400

Triad

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



84.1280, 34.8770, 78.3090



91.9880, 51.8590, -20.2450



91.1590, -84.4510, -16.8590

Complementary

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



84.1280, 34.8770, 78.3090



118.8720, -34.8770, -78.3090

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.



81.7770, -60.7890, -38.2050



84.1280, 34.8770, 78.3090



82.5100, 5.5100, -44.8100

Square

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



84.1280, 34.8770, 78.3090



84.6320, 92.1090, 10.2290



69.8530, -32.7250, -62.2370



96.0100, -102.2440, 2.7480

Rectangle

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



84.1280, 34.8770, 78.3090



71.2110, 105.7620, 65.6820



69.8530, -32.7250, -62.2370



87.9500, -76.7930, -23.4890

Sweetspot

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



84.1280, 34.8770, 78.3090



195.2850, 13.5200, 30.3200



49.3010, -53.3300, 41.4060



94.9710, 8.1120, 18.1920



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1280, 34.8770, 78.3090



90.1350, 52.4760, 117.3080



80.6050, 63.4900, 60.8500



83.7170, 2.4750, 4.7070



59.3020, 34.3270, 77.2630



9.8410, 5.3620, 12.9620

Inverse Universe

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



71.8270, 88.2070, 36.9030



71.5340, 132.1730, 55.0930



122.3950, -63.4900, -60.8500



82.8050, 5.0430, 2.2190



47.2290, 87.0150, 36.4790



8.0020, 14.8540, 6.1340

Previews

White Background



This preview shows how the YIQ color 84.1280, 34.8770, 78.3090 looks on a white background.

Color Contrast Check

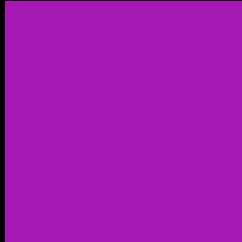
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.1280, 34.8770, 78.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

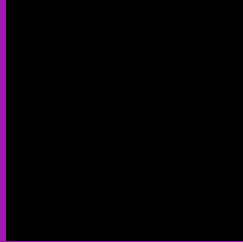
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.1280, 34.8770, 78.3090

Background



This preview shows how black text looks on a background with the YIQ color 84.1280, 34.8770, 78.3090.



This preview shows how white text looks on a background with the YIQ color 84.1280, 34.8770,

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

84.1280, 34.8770, 78.3090

Protanopia

78.6790, -90.6460, 12.8260

Deuteranopia

91.7200, -54.3330, 10.0110



Tritanopia

97.7890, 46.6710, 18.7270

Trichromacy



Original Color

84.1280, 34.8770, 78.3090



Protanomaly

80.4450, -45.1680, 36.6560



Deuteranomaly

88.8960, -21.6930, 35.2270



Tritanomaly

92.6370, 42.1280, 40.4960

Monochromacy



Original Color

84.1280, 34.8770, 78.3090



Achromatopsia

84.0000, -0.0000, -0.0000



Achromatomaly

84.0460, 12.6950, 28.7510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.1280, 34.8770, 78.3090 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(166, 24, 179)` looks like.

```
.text, #text, p{  
    color:rgb(166, 24, 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(166, 24, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 24, 179) }
```

Border

The CSS property to change the border of an element to YIQ 84.1280, 34.8770, 78.3090 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(166, 24, 179) }
```


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

```
.border{ border-color:rgb(166, 24, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 24, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 24, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 24, 179);  
box-shadow:4px 4px 4px 4px rgb(166, 24,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 84.1280, 34.8770, 78.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 24, 179) }
```

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

```
.background{ background-color: rgb(166, 24,  
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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