

Converting Colors

YIQ(88.4780, 48.6310, 82.3510)

Have a look what the booklet for
YIQ(88.4780, 48.6310, 82.3510)
contains.

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Color

**YIQ(88.4780, 48.6310,
82.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	BA16AF
RGB	186, 22, 175
RGB Percent	73%, 9%, 69%
CMY	0.2701, 0.9139, 0.3136
CMYK	0.00, 0.88, 0.06, 0.27
HSL	304°, 79%, 41%
HSV	304°, 88%, 73%
XYZ	28.3051, 14.1217, 41.8011
YIQ	88.4780, 48.6310, 82.3510

Conversions

Conversions Part 2

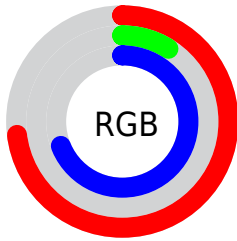
Format	Color
R_{YB}	186, 22, 175
Decimal	12195503
CIE _{Lab}	44.41, 73.52, -41.21
CIE _{LCh}	44, 84.283, 330.730
Yxy	14.1217, 0.3361, 0.1677
Android (android.graphics.Color)	4290385583 (0xFFBA16AF)
YUV	88.4780, 42.6553, 85.5268
Hunter-Lab	37.5789, 68.6866, -39.6465

Details

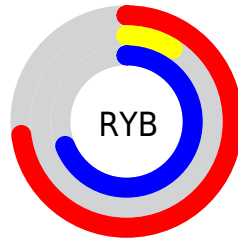
The YIQ color **88.4780, 48.6310, 82.3510** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **119.5220, -48.6310, -82.3510**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.0660, 46.6150, 74.8310**, and **52.1800, 37.1260, 65.0780** is the 20% darker color. If you saturate the color by 10%, you get **77.2110, 54.1770, 91.9770**, and if you desaturate by 10%, it is **99.7450, 43.0850, 72.7250**.

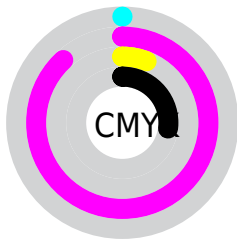
Distribution



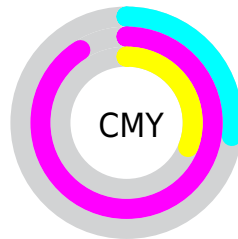
- Red (73%)
- Green (9%)
- Blue (69%)



- Red (73%)
- Yellow (9%)
- Blue (69%)



- Cyan (0%)
- Magenta (88%)
- Yellow (6%)
- Black (27%)





- Cyan (27%)
- Magenta (91%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.4780, 48.6310, 82.3510 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 88.4780, 48.6310, 82.3510 by changing the saturation by 10% instead.


 88.4780, 48.6310,
82.3510


 88.4780, 48.6310,
82.3510


255.0000, -0.0000,
-0.0000


 63.8150, 46.0640,
79.3120


 155.0660, 46.6150,
74.8310


 52.1800, 37.1260,
65.0780


 177.5160, 36.3000,
69.0360


 40.8440, 28.7840,
51.0560


 194.5390, 28.3250,
53.8690

 30.0350, 20.3960,
37.8680

 212.1490, 20.0750,
38.1790

 19.3400, 11.6870,
24.9910

 229.1720, 12.1000,
23.0120

 3.0780, -8.6670,
8.3970

 246.7820, 3.8500,

 0.0000, 0.0000,

7.3220

0.0000

■ 88.4780, 48.6310,
82.3510

■ 88.4780, 48.6310,
82.3510

■ 77.2110, 54.1770,
91.9770

■ 99.7450, 43.0850,
72.7250

■ 75.4500, 55.0020,
93.5460

■ 110.5390, 37.4930,
63.9330

■ 121.8060, 31.9470,
54.3070

■ 132.4860, 26.6760,
45.2040

■ 143.7530, 21.1300,
35.5780

■ 155.1340, 15.2630,
26.2630

■ 165.8140, 9.9920,
17.1600

■ 177.0810, 4.4460,
7.5340

■ 187.7610, -0.8250,
-1.5690

Harmonies

Analogous

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



102.1990, -44.1150, 45.1090



88.4780, 48.6310, 82.3510



77.9780, 96.7730, 79.9170

Triad

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



88.4780, 48.6310, 82.3510



98.4340, 47.3670, -26.9450



98.1350, -93.0710, -14.8230

Complementary

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



88.4780, 48.6310, 82.3510



119.5220, -48.6310, -82.3510

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.



89.4540, -70.0050, -36.3810



88.4780, 48.6310, 82.3510



85.9880, -2.0080, -51.7360

Square

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



88.4780, 48.6310, 82.3510



95.4970, 87.7550, 1.0270



78.5730, -43.5000, -59.6920



101.8290, -108.9840, 3.7520

Rectangle

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



88.4780, 48.6310, 82.3510



72.7340, 111.5390, 65.6110



78.5730, -43.5000, -59.6920



95.5130, -85.6880, -21.9760

Sweetspot

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



88.4780, 48.6310, 82.3510



204.5630, 18.6090, 31.7050



43.9850, -46.0880, 53.3360



99.4660, 11.0920, 19.2520



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



88.4780, 48.6310, 82.3510



98.1220, 71.6860, 121.5900



79.1300, 74.9530, 56.8490



86.6030, 2.7960, 4.3960



63.1740, 46.4310, 78.1670



11.3360, 8.3420, 14.0220

Inverse Universe

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



88.4780, 48.6310, 82.3510



98.1220, 71.6860, 121.5900



128.8700, -74.9530, -56.8490



86.6030, 2.7960, 4.3960



63.1740, 46.4310, 78.1670



11.3360, 8.3420, 14.0220

Previews

White Background



This preview shows how the YIQ color 88.4780, 48.6310, 82.3510 looks on a white background.

Color Contrast Check

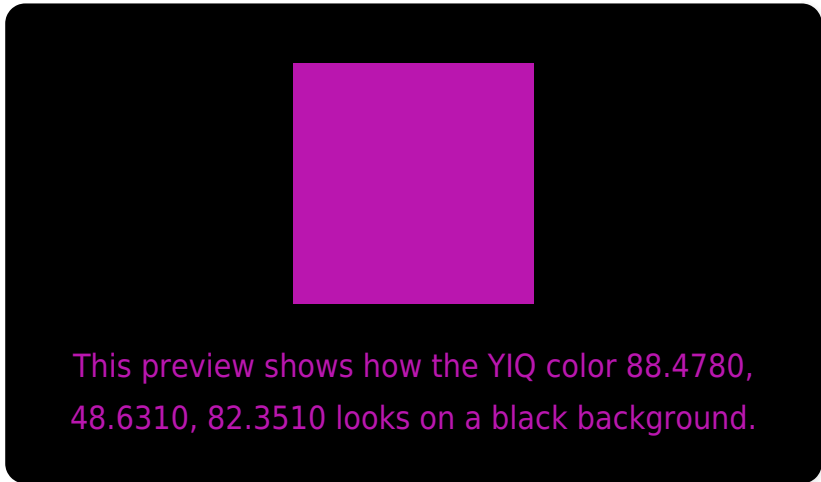
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

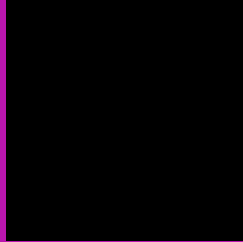
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.4780, 48.6310, 82.3510

Background



This preview shows how black text looks on a background with the YIQ color 88.4780, 48.6310, 82.3510.



This preview shows how white text looks on a background with the YIQ color 88.4780, 48.6310,

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

88.4780, 48.6310, 82.3510

Protanopia

85.1990, -97.9820, 13.6180

Deuteranopia

103.7560, -36.8190, 11.9890



Tritanopia

102.8510, 61.2960, 23.5040

Trichromacy



Original Color

88.4780, 48.6310, 82.3510



Protanomaly

86.7980, -44.6640, 38.5360



Deuteranomaly

97.9750, -5.7380, 37.9260



Tritanomaly

97.5850, 57.0740, 44.9620

Monochromacy



Original Color

88.4780, 48.6310, 82.3510



Achromatopsia

88.0000, -0.0000, -0.0000



Achromatomaly

88.3240, 17.7840, 30.1360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.4780, 48.6310, 82.3510 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(186, 22, 175)` looks like.

```
.text, #text, p{  
    color:rgb(186, 22, 175)  
}
```

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(186, 22, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 22, 175) }
```

Border

The CSS property to change the border of an element to YIQ 88.4780, 48.6310, 82.3510 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(186, 22, 175) }
```


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

```
.border{ border-color:rgb(186, 22, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 22, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 22, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 22, 175);  
box-shadow:4px 4px 4px 4px rgb(186, 22,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 88.4780, 48.6310, 82.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 22, 175) }
```

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

```
.background{ background-color: rgb(186, 22,  
175) }
```

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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