

Converting Colors

YIQ(81.3780, 70.4180, 34.4020)

Have a look what the booklet for
YIQ(81.3780, 70.4180, 34.4020)
contains.

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Color

**YIQ(81.3780, 70.4180,
34.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	AA283E
RGB	170, 40, 62
RGB Percent	67%, 16%, 24%
CMY	0.3330, 0.8433, 0.7566
CMYK	0.00, 0.77, 0.64, 0.33
HSL	350°, 62%, 41%
HSV	350°, 77%, 67%
XYZ	18.2237, 10.4177, 5.6174
YIQ	81.3780, 70.4180, 34.4020

Conversions

Conversions Part 2

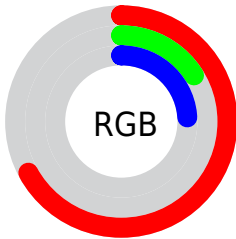
Format	Color
R_{YB}	170, 40, 62
Decimal	11151422
CIE _{Lab}	38.58, 53.05, 19.65
CIE _{LCh}	39, 56.573, 20.328
Yxy	10.4177, 0.5319, 0.3041
Android (android.graphics.Color)	4289341502 (0xFFAA283E)
YUV	81.3780, -9.5534, 77.7215
Hunter-Lab	32.2764, 44.2996, 12.2747

Details

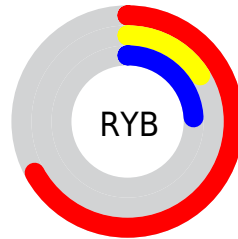
The YIQ color **81.3780, 70.4180, 34.4020** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **128.6220, -70.4180, -34.4020**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **138.4340, 76.0120, 32.1400**, and **35.4690, 59.7360, 29.7520** is the 20% darker color. If you saturate the color by 10%, you get **69.8030, 79.5870, 38.9390**, and if you desaturate by 10%, it is **92.9530, 61.2490, 29.8650**.

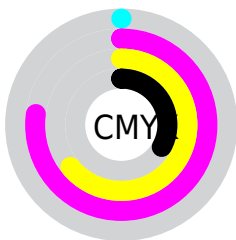
Distribution



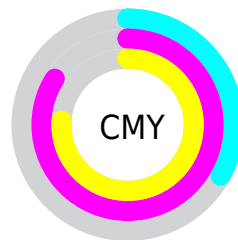
- Red (67%)
- Green (16%)
- Blue (24%)



- Red (67%)
- Yellow (16%)
- Blue (24%)



- Cyan (0%)
- Magenta (77%)
- Yellow (64%)
- Black (33%)





- Cyan (33%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.3780, 70.4180, 34.4020 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 81.3780, 70.4180, 34.4020 by changing the saturation by 10% instead.


 81.3780, 70.4180,
34.4020


 81.3780, 70.4180,
34.4020


255.0000, -0.0000,
-0.0000


 46.4200, 70.6000,
42.1200


 138.4340, 76.0120,
32.1400


 35.4690, 59.7360,
29.7520


 164.4230, 74.5450,
31.1930


 24.5180, 48.8720,
17.3840

 183.8230, 58.4990,
24.6350

 16.6730, 32.1380,
12.2820

 203.3370, 42.1320,
18.3880

 2.9900, 5.9600,
2.1200

 223.4380, 25.4900,
11.6180

 0.0000, 0.0000,
0.0000

 243.7670, 8.2060,

5.4700

■ 81.3780, 70.4180,
34.4020

■ 81.3780, 70.4180,
34.4020

■ 69.8030, 79.5870,
38.9390

■ 92.9530, 61.2490,
29.8650

■ 58.2280, 88.7560,
43.4760

■ 104.5280, 52.0800,
25.3280

■ 54.1360, 92.0110,
45.0590

■ 116.1030, 42.9110,
20.7910

■ 127.7920, 33.4210,
16.5650

■ 139.3670, 24.2520,
12.0280

■ 150.9420, 15.0830,
7.4910

■ 162.5170, 5.9140,
2.9540

■ 174.0920, -3.2550,
-1.5830

■ 185.6670,
-12.4240, -6.1200

Harmonies

Analogous

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



84.2410, 52.3510, 47.9590



81.3780, 70.4180, 34.4020



84.3780, 69.2770, 5.5090

Triad

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



81.3780, 70.4180, 34.4020



65.3710, -36.5790, -47.4510



80.0350, -86.1970, 3.7790

Complementary

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



81.3780, 70.4180, 34.4020



128.6220, -70.4180, -34.4020

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.



82.3370, -81.6560, -6.9360



81.3780, 70.4180, 34.4020



73.0060, -54.0040, -34.5160

Square

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



81.3780, 70.4180, 34.4020



81.7450, 21.3260, -34.0820



79.0650, -69.6870, -20.1110



85.1370, -50.7130, 21.5030

Rectangle

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



81.3780, 70.4180, 34.4020



85.5640, 59.2850, -11.6510



79.0650, -69.6870, -20.1110



81.3400, -85.7380, 0.9660

Sweetspot

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



81.3780, 70.4180, 34.4020



187.1610, 27.8280, 13.3000



86.5140, 21.4460, 62.9020



90.8390, 16.8710, 8.1270



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



81.3780, 70.4180, 34.4020



82.8720, 110.6700, 53.8220



102.9370, 66.2050, 6.1170



78.5060, 4.4470, 2.0070



47.1020, 80.1830, 39.1510



6.3220, 10.9570, 5.1730

Inverse Universe

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



81.3780, 70.4180, 34.4020



82.8720, 110.6700, 53.8220



107.0630, -66.2050, -6.1170



78.5060, 4.4470, 2.0070



47.1020, 80.1830, 39.1510



6.3220, 10.9570, 5.1730

Previews

White Background



This preview shows how the YIQ color 81.3780, 70.4180, 34.4020 looks on a white background.

Color Contrast Check

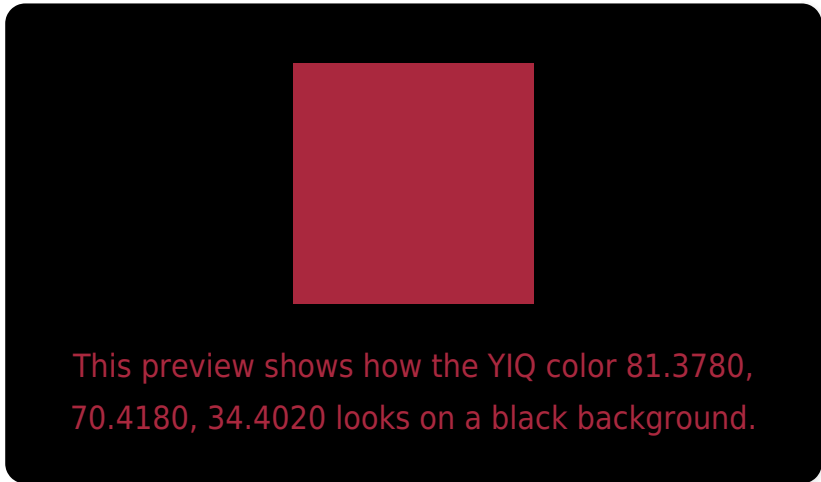
Large Text (above 18pt) WCAG AA ✓ Pass

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

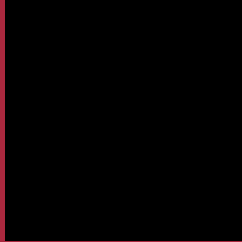
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.3780, 70.4180, 34.4020

Background



This preview shows how black text looks on a background with the YIQ color 81.3780, 70.4180, 34.4020.



This preview shows how white text looks on a background with the YIQ color 81.3780, 70.4180,

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

81.3780, 70.4180, 34.4020

Protanopia

92.2840, 4.9520, -1.6400

Deuteranopia

91.4140, 24.8970, -5.1750



Tritanopia

80.9020, 74.4540, 27.3340

Trichromacy



Original Color

81.3780, 70.4180, 34.4020

Protanomaly

88.2920, 28.8370, 11.5330

Deuteranomaly

88.0560, 41.1250, 9.1010

Tritanomaly

80.9990, 72.8030, 29.7230

Monochromacy



Original Color

81.3780, 70.4180, 34.4020

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.9650, 25.4440, 12.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.3780, 70.4180, 34.4020 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(170, 40, 62)` looks like.

```
.text, #text, p{  
    color:rgb(170, 40, 62)  
}
```

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(170, 40, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 40, 62) }
```

Border

The CSS property to change the border of an element to YIQ 81.3780, 70.4180, 34.4020 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(170, 40, 62) }
```


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

```
.border{ border-color:rgb(170, 40, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 40, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 40, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 40, 62);  
box-shadow:4px 4px 4px 4px rgb(170, 40,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 81.3780, 70.4180, 34.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 40, 62) }
```

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

```
.background{ background-color: rgb(170, 40,  
62) }
```

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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