

Converting Colors

YIQ(79.1720, 38.4630, 24.3110)

Have a look what the booklet for
YIQ(79.1720, 38.4630, 24.3110)
contains.

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Color

**YIQ(79.1720, 38.4630,
24.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	83354E
RGB	131, 53, 78
RGB Percent	51%, 21%, 31%
CMY	0.4861, 0.7923, 0.6940
CMYK	0.00, 0.60, 0.40, 0.49
HSL	341°, 42%, 36%
HSV	341°, 60%, 51%
XYZ	12.0160, 7.9232, 8.1101
YIQ	79.1720, 38.4630, 24.3110

Conversions

Conversions Part 2

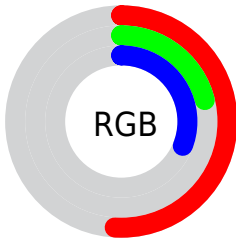
Format	Color
R_{YB}	131, 53, 78
Decimal	8598862
CIE _{Lab}	33.82, 36.19, 1.75
CIE _{LCh}	34, 36.235, 2.770
Yxy	7.9232, 0.4284, 0.2825
Android (android.graphics.Color)	4286788942 (0xFF83354E)
YUV	79.1720, -0.5778, 45.4532
Hunter-Lab	28.1481, 26.9397, 2.6208

Details

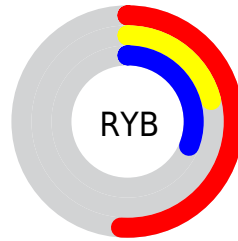
The YIQ color **79.1720, 38.4630, 24.3110** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **104.8280, -38.4630, -24.3110**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8520, 42.3600, 25.2720**, and **27.1980, 35.5740, 27.1100** is the 20% darker color. If you saturate the color by 10%, you get **70.5150, 44.9270, 28.3110**, and if you desaturate by 10%, it is **87.8290, 31.9990, 20.3110**.

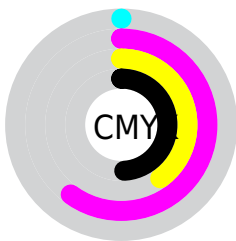
Distribution



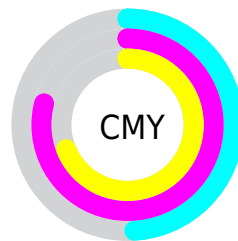
- Red (51%)
- Green (21%)
- Blue (31%)



- Red (51%)
- Yellow (21%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (40%)
- Black (49%)



- Cyan (49%)
- Magenta (79%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.1720, 38.4630, 24.3110 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 79.1720, 38.4630, 24.3110 by changing the saturation by 10% instead.

■ 79.1720, 38.4630,
24.3110

■ 79.1720, 38.4630,
24.3110

■ 255.0000, -0.0000,
-0.0000

■ 53.8020, 36.6290,
24.5090

■ 130.8520, 42.3600,
25.2720

■ 27.1980, 35.5740,
27.1100

■ 157.7490, 44.1480,
25.9080

■ 17.1010, 28.0570,
14.6570

■ 185.3470, 45.3400,
26.3320

■ 6.2790, 12.5160,
4.4520

■ 207.2640, 35.2080,
22.7280

■ 0.0000, 0.0000,
0.0000

■ 226.8920, 18.5200,
16.7920

■ 246.1950, 4.1250,

7.8450

■ 79.1720, 38.4630,
24.3110

■ 79.1720, 38.4630,
24.3110

■ 70.5150, 44.9270,
28.3110

■ 87.8290, 31.9990,
20.3110

■ 61.8580, 51.3910,
32.3110

■ 96.4860, 25.5350,
16.3110

■ 53.2010, 57.8550,
36.3110

■ 105.1430, 19.0710,
12.3110

■ 44.5440, 64.3190,
40.3110

■ 113.8000, 12.6070,
8.3110

■ 43.9570, 64.5940,
40.8340

■ 122.4570, 6.1430,
4.3110

■ 131.5870, -0.2750,
-0.5230

■ 140.2440, -6.7390,
-4.5230

■ 148.9010,
-13.2030, -8.5230

■ 157.5580,
-19.6670, -12.5230

Harmonies

Analogous

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



81.7000, 19.4810, 26.9130



79.1720, 38.4630, 24.3110



78.6160, 45.4800, 12.7760

Triad

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



79.1720, 38.4630, 24.3110



73.0980, 4.6350, -23.4370



67.0630, -66.2050, -6.1170

Complementary

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



79.1720, 38.4630, 24.3110



104.8280, -38.4630, -24.3110

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.



67.1310, -60.8850, -14.4290



79.1720, 38.4630, 24.3110



64.4280, -31.5850, -27.8170

Square

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



79.1720, 38.4630, 24.3110



75.8190, 27.6500, -16.5260



63.8250, -51.5760, -23.4480



68.2370, -57.5870, 2.9010

Rectangle

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



79.1720, 38.4630, 24.3110



77.6230, 43.6020, 2.7540



63.8250, -51.5760, -23.4480



67.6670, -65.1500, -8.7180

Sweetspot

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



79.1720, 38.4630, 24.3110



150.4090, 15.2660, 9.6820



77.4400, 5.9540, 35.2820



74.3650, 9.3980, 5.8940



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



79.1720, 38.4630, 24.3110



90.5110, 59.9180, 37.4700



83.9530, 42.9130, 9.7370



62.0220, 2.9340, 1.8940



43.6580, 63.9980, 40.6220



1.0110, 1.4670, 0.9470

Inverse Universe

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



79.1720, 38.4630, 24.3110



90.5110, 59.9180, 37.4700



100.0470, -42.9130, -9.7370



62.0220, 2.9340, 1.8940



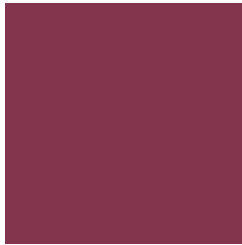
43.6580, 63.9980, 40.6220



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 79.1720, 38.4630, 24.3110 looks on a white background.

Color Contrast Check

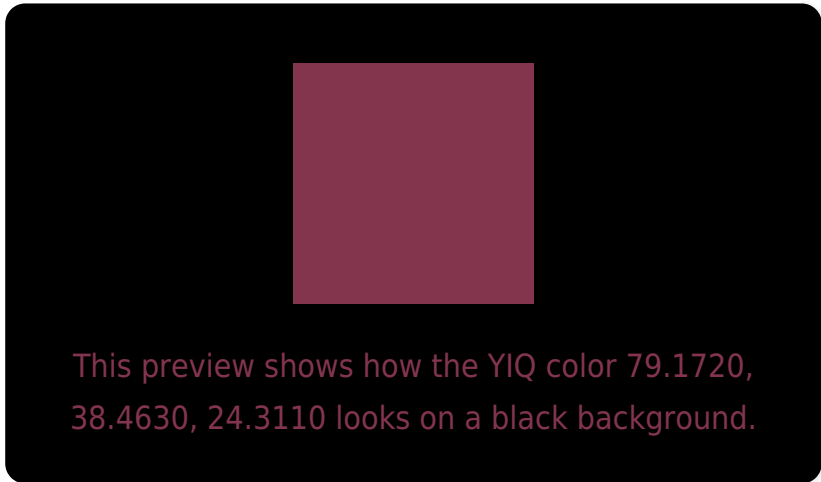
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

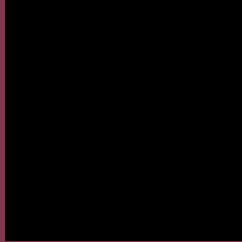
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.1720, 38.4630, 24.3110

Background



This preview shows how black text looks on a background with the YIQ color 79.1720, 38.4630, 24.3110.



This preview shows how white text looks on a background with the YIQ color 79.1720, 38.4630,

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

79.1720, 38.4630, 24.3110

Protanopia

80.9980, -5.6860, 3.9300

Deuteranopia

81.1320, 8.4360, 1.3000



Tritanopia

78.5820, 42.8200, 16.9320

Trichromacy



Original Color

79.1720, 38.4630, 24.3110

Protanomaly

80.1250, 10.3140, 11.3220

Deuteranomaly

80.4480, 19.5300, 9.4980

Tritanomaly

78.7930, 40.8480, 19.6320

Monochromacy



Original Color

79.1720, 38.4630, 24.3110

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.3980, 13.7990, 8.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.1720, 38.4630, 24.3110 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(131, 53, 78)` looks like.

```
.text, #text, p{  
    color:rgb(131, 53, 78)  
}
```

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(131, 53, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 53, 78) }
```

Border

The CSS property to change the border of an element to YIQ 79.1720, 38.4630, 24.3110 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(131, 53, 78) }
```


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

```
.border{ border-color:rgb(131, 53, 78) }
```

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

Here you see how a box with a 4 pixel rgb(131, 53, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 53, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 53, 78);  
box-shadow:4px 4px 4px 4px rgb(131, 53,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 79.1720, 38.4630, 24.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 53, 78) }
```

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

```
.background{ background-color: rgb(131, 53,  
78) }
```

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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