

Converting Colors

YIQ(53.7970, 9.8030, 48.1310)

Have a look what the booklet for
YIQ(53.7970, 9.8030, 48.1310)
contains.

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Color

**YIQ(53.7970, 9.8030,
48.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	5D147D
RGB	93, 20, 125
RGB Percent	36%, 8%, 49%
CMY	0.6350, 0.9217, 0.5098
CMYK	0.26, 0.84, 0.00, 0.51
HSL	282°, 72%, 28%
HSV	282°, 84%, 49%
XYZ	8.4710, 4.3100, 19.7839
YIQ	53.7970, 9.8030, 48.1310

Conversions

Conversions Part 2

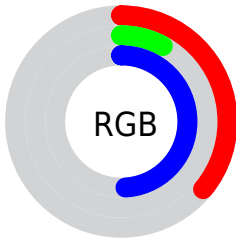
Format	Color
RYB	93, 20, 125
Decimal	6100093
CIELab	24.67, 48.04, -43.16
CIELCh	25, 64.575, 318.063
Yxy	4.3100, 0.2601, 0.1324
Android (android.graphics.Color)	4284290173 (0xFF5D147D)
YUV	53.7970, 35.1031, 34.3810
Hunter-Lab	20.7605, 36.5032, -41.9685

Details

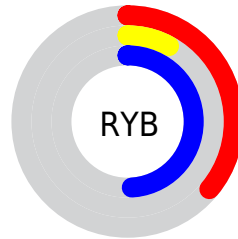
The YIQ color **53.7970, 9.8030, 48.1310** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **91.2030, -9.8030, -48.1310**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.6830, 10.1240, 47.8200**, and **20.8090, 0.3610, 32.0170** is the 20% darker color. If you saturate the color by 10%, you get **44.9700, 10.9940, 54.0820**, and if you desaturate by 10%, it is **62.0370, 8.8870, 42.7030**.

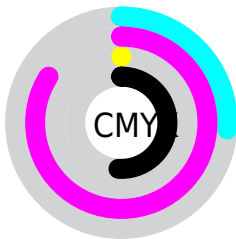
Distribution



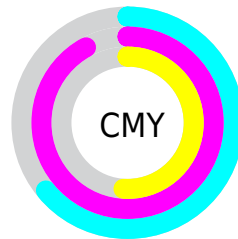
- Red (36%)
- Green (8%)
- Blue (49%)



- Red (36%)
- Yellow (8%)
- Blue (49%)



- Cyan (26%)
- Magenta (84%)
- Yellow (0%)
- Black (51%)



- Cyan (64%)
- Magenta (92%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.7970, 9.8030, 48.1310 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 53.7970, 9.8030, 48.1310 by changing the saturation by 10% instead.

■ 53.7970, 9.8030,
48.1310

■ 53.7970, 9.8030,
48.1310

■ 255.0000, -0.0000,
-0.0000

■ 31.4330, 7.8320,
45.3040

■ 107.6830, 10.1240,
47.8200

■ 20.8090, 0.3610,
32.0170

■ 134.5090, 10.6740,
48.8660

■ 9.8150, -8.9440,
18.9280

■ 161.4490, 10.9030,
50.2230

■ 4.4800, -9.8590,
7.9730


■ 188.2490, 14.3420,
48.4700


■ 0.0000, 0.0000,
0.0000


■ 210.9750, 20.6250,
39.2250


■ 227.9980, 12.6500,


24.0580


 244.4340, 4.9500,
9.4140

 53.7970, 9.8030,
48.1310

 53.7970, 9.8030,
48.1310


 44.9700, 10.9940,
54.0820

 62.0370, 8.8870,
42.7030

 40.2630, 11.7270,
57.3190

 70.8640, 7.6960,
36.7520

 78.8050, 6.1840,
31.1120

 87.6320, 4.9930,
25.1610

 95.8720, 4.0770,
19.7330

■ 104.6990, 2.8860,
13.7820

■ 112.9390, 1.9700,
8.3540

■ 121.4670, 0.1830,
2.1910

■ 129.7070, -0.7330,
-3.2370

Harmonies

Analogous

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



49.8410, -64.5590, 19.1290



53.7970, 9.8030, 48.1310



48.2890, 52.3960, 52.6520

Triad

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



53.7970, 9.8030, 48.1310



55.9610, 39.2940, -7.2820



55.2310, -49.4230, -12.9030

Complementary

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



53.7970, 9.8030, 48.1310



91.2030, -9.8030, -48.1310

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.



48.8300, -32.7770, -28.2410



53.7970, 9.8030, 48.1310



51.6100, 8.9450, -24.4550

Square

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



53.7970, 9.8030, 48.1310



43.8100, 68.5410, 18.8530



42.2640, -19.8000, -37.6560



59.6600, -63.2720, 1.3040

Rectangle

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



53.7970, 9.8030, 48.1310



46.7340, 66.8400, 44.1840



42.2640, -19.8000, -37.6560



53.2930, -43.9660, -18.1900

Sweetspot

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



53.7970, 9.8030, 48.1310



135.3450, 4.1230, 18.8990



51.3410, -42.7800, 15.3960



64.9330, 2.1070, 11.3790



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



53.7970, 9.8030, 48.1310



52.6680, 15.6210, 74.8610



61.1990, 34.9740, 49.0060



59.2930, 0.7330, 3.2370



41.2030, 11.9560, 58.6760



0.0000, 0.0000, 0.0000

Inverse Universe

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



55.0430, 52.3080, 32.2120



54.4370, 81.0980, 50.1060



83.8010, -34.9740, -49.0060



59.3210, 3.5300, 2.1060



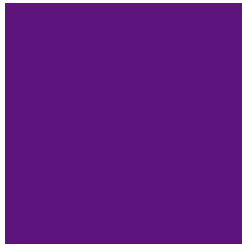
42.7180, 63.7690, 39.2650



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 53.7970, 9.8030, 48.1310 looks on a white background.

Color Contrast Check

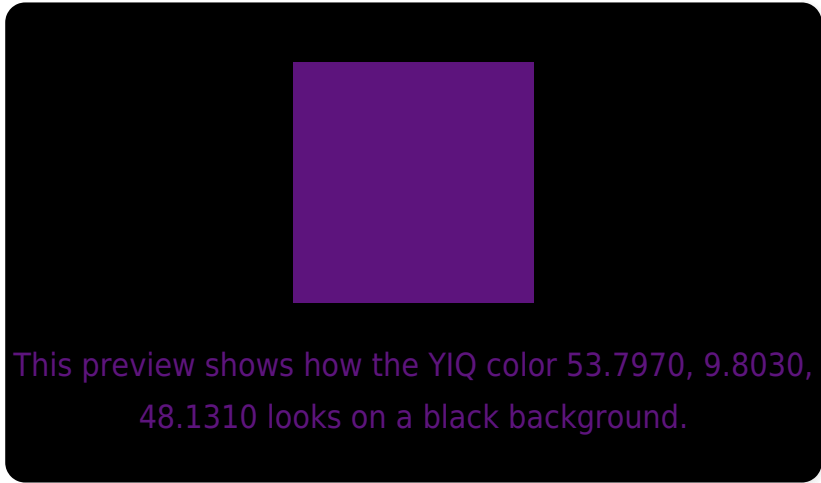
Large Text (above 18pt) WCAG AA ✓ Pass

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

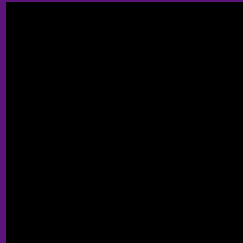
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.7970, 9.8030, 48.1310

Background



This preview shows how black text looks on a background with the YIQ color 53.7970, 9.8030, 48.1310.



This preview shows how white text looks on a background with the YIQ color 53.7970, 9.8030,

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

53.7970, 9.8030, 48.1310

Protanopia

48.0680, -55.4330, 7.9190

Deuteranopia

48.5920, -51.3970, 0.8510



Tritanopia

60.7250, 17.1920, 7.8160

Trichromacy



Original Color

53.7970, 9.8030, 48.1310

Protanomaly

50.1300, -31.6400, 22.7600

Deuteranomaly

50.7510, -29.2550, 18.0810

Tritanomaly

58.3140, 14.5760, 22.1920

Monochromacy



Original Color

53.7970, 9.8030, 48.1310

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.1060, 3.2980, 17.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.7970, 9.8030, 48.1310 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(93, 20, 125)` looks like.

```
.text, #text, p{  
    color:rgb(93, 20, 125)  
}
```

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(93, 20, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 20, 125) }
```

Border

The CSS property to change the border of an element to YIQ 53.7970, 9.8030, 48.1310 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(93, 20, 125) }
```


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

```
.border{ border-color:rgb(93, 20, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 20, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 20, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 20, 125);  
box-shadow:4px 4px 4px 4px rgb(93, 20,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 53.7970, 9.8030, 48.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 20, 125) }
```

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

```
.background{ background-color: rgb(93, 20,  
125) }
```

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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