

Converting Colors

YIQ(51.8710, 84.9070, 30.6270)

Have a look what the booklet for
YIQ(51.8710, 84.9070, 30.6270)
contains.

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Color

**YIQ(51.8710, 84.9070,
30.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	98090A
RGB	152, 9, 10
RGB Percent	60%, 4%, 4%
CMY	0.4036, 0.9649, 0.9604
CMYK	0.00, 0.94, 0.93, 0.40
HSL	360°, 89%, 32%
HSV	360°, 94%, 60%
XYZ	13.1175, 6.9000, 0.9301
YIQ	51.8710, 84.9070, 30.6270

Conversions

Conversions Part 2

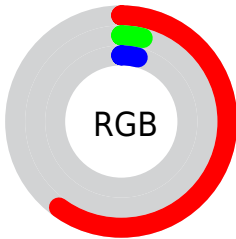
Format	Color
RYB	152, 9, 10
Decimal	9963786
CIELab	31.58, 53.31, 41.14
CIELCh	32, 67.340, 37.658
Yxy	6.9000, 0.6262, 0.3294
Android (android.graphics.Color)	4288153866 (0xFF98090A)
YUV	51.8710, -20.6424, 87.8131
Hunter-Lab	26.2678, 43.1698, 16.2881

Details

The YIQ color **51.8710, 84.9070, 30.6270** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **109.1290, -84.9070, -30.6270**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.8680, 88.9890, 22.7250**, and **27.2090, 54.2360, 19.2920** is the 20% darker color. If you saturate the color by 10%, you get **45.5620, 90.2710, 32.5350**, and if you desaturate by 10%, it is **62.3860, 75.9670, 27.4470**.

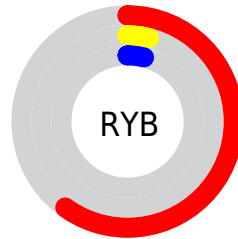
Distribution



Red (60%)

Green (4%)

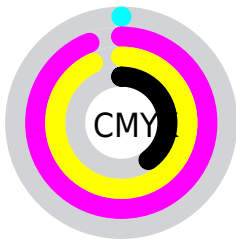
Blue (4%)



Red (60%)

Yellow (4%)

Blue (4%)

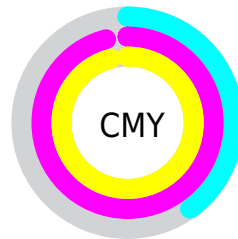


Cyan (0%)

Magenta (94%)

Yellow (93%)

Black (40%)



Cyan (40%)


Magenta (96%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 51.8710, 84.9070, 30.6270 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 51.8710, 84.9070, 30.6270 by changing the saturation by 10% instead.


 51.8710, 84.9070,
30.6270


 51.8710, 84.9070,
30.6270


 253.0620, 5.4570,
-5.2870

 36.4780, 72.7120,
25.8640


 114.8680, 88.9890,
22.7250


 27.2090, 54.2360,
19.2920

 143.0210, 92.9320,
22.8520


 19.0650, 36.9060,
13.9780

 164.8840, 82.8920,
17.5800

 9.3830, 18.1550,
6.8830

 183.6970, 67.1210,
11.5450

 0.0000, 0.0000,
0.0000

 203.6840, 50.8000,
4.4640

 223.1980, 34.4330,

-1.7830

■ 244.0000, 17.1950,
-8.7650

■ 51.8710, 84.9070,
30.6270

■ 51.8710, 84.9070,
30.6270

■ 45.5620, 90.2710,
32.5350

■ 62.3860, 75.9670,
27.4470

■ 72.9010, 67.0270,
24.2670

■ 84.0030, 57.8120,
20.5640

■ 94.5180, 48.8720,
17.3840

■ 105.1470, 39.6110,
14.5150

■ 115.6620, 30.6710,
11.3350

■ 126.1770, 21.7310,
8.1550

■ 137.2790, 12.5160,
4.4520

■ 147.7940, 3.5760,
1.2720

Harmonies

Analogous

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



55.7340, 76.0080, 54.2480



51.8710, 84.9070, 30.6270



69.6490, 57.9080, -3.2120

Triad

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



51.8710, 84.9070, 30.6270



58.0110, -35.2050, -39.3090



66.4200, -79.5510, 15.4970

Complementary

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



51.8710, 84.9070, 30.6270



109.1290, -84.9070, -30.6270

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.



73.2530, -80.8790, 6.5210



51.8710, 84.9070, 30.6270



65.6830, -54.0520, -22.6280

Square

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



51.8710, 84.9070, 30.6270



53.7490, -20.0280, -44.5400



71.6110, -70.7440, -6.4560



73.7770, -13.8080, 41.0080

Rectangle

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



51.8710, 84.9070, 30.6270



70.0820, 37.0950, -16.9930



71.6110, -70.7440, -6.4560



69.4690, -81.2470, 13.1930

Sweetspot

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



51.8710, 84.9070, 30.6270



159.8580, 33.0550, 12.1830



67.4610, 38.1330, 74.3650



75.8670, 19.6680, 6.9960



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



51.8710, 84.9070, 30.6270



59.7290, 117.9620, 42.8100



92.2600, 66.2530, -5.7710



71.3920, 4.7680, 1.6960



41.9740, 83.1190, 29.9910



3.8870, 7.7480, 2.7560

Inverse Universe

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



51.8710, 84.9070, 30.6270



59.7290, 117.9620, 42.8100



68.7400, -66.2530, 5.7710



71.3920, 4.7680, 1.6960



41.9740, 83.1190, 29.9910



3.8870, 7.7480, 2.7560

Previews

White Background



This preview shows how the YIQ color 51.8710, 84.9070, 30.6270 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 51.8710, 84.9070, 30.6270

Background



This preview shows how black text looks on a background with the YIQ color 51.8710, 84.9070, 30.6270.



This preview shows how white text looks on a background with the YIQ color 51.8710, 84.9070,

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

51.8710, 84.9070, 30.6270

Protanopia

73.6490, 22.3770, -14.5750

Deuteranopia

71.8540, 37.7370, -17.6150



Tritanopia

53.3670, 86.1460, 24.6900

Trichromacy



Original Color

51.8710, 84.9070, 30.6270

Protanomaly

65.5800, 45.1610, 2.0330

Deuteranomaly

64.7890, 54.6980, -0.1020

Tritanomaly

52.6490, 85.4120, 26.9800

Monochromacy



Original Color

51.8710, 84.9070, 30.6270

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.6620, 30.6710, 11.3350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.8710, 84.9070, 30.6270 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(152, 9, 10)` looks like.

```
.text, #text, p{  
    color:rgb(152, 9, 10)  
}
```

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(152, 9, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 9, 10) }
```

Border

The CSS property to change the border of an element to YIQ 51.8710, 84.9070, 30.6270 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(152, 9, 10) }
```


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

```
.border{ border-color:rgb(152, 9, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 9, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 9, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 9, 10);  
box-shadow:4px 4px 4px 4px rgb(152, 9, 10)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.8710, 84.9070, 30.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 9, 10) }
```

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

```
.background{ background-color: rgb(152, 9,  
10) }
```

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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