

Converting Colors

YIQ(97.9180, 52.3030, 59.8470)

Have a look what the booklet for
YIQ(97.9180, 52.3030, 59.8470)
contains.

YIQ(97.9180, 52.3030, 59.8470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(97.9180, 52.3030,
59.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	B92D8E
RGB	185, 45, 142
RGB Percent	73%, 18%, 56%
CMY	0.2741, 0.8237, 0.4430
CMYK	0.00, 0.76, 0.23, 0.27
HSL	318°, 61%, 45%
HSV	318°, 76%, 73%
XYZ	25.8530, 14.1531, 26.9737
YIQ	97.9180, 52.3030, 59.8470

Conversions

Conversions Part 2

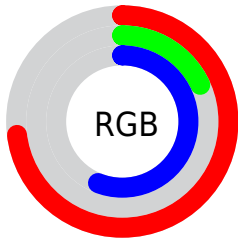
Format	Color
R_{YB}	185, 45, 142
Decimal	12135822
CIE _{Lab}	44.45, 63.39, -21.38
CIE _{LCh}	44, 66.903, 341.361
Yxy	14.1531, 0.3860, 0.2113
Android (android.graphics.Color)	4290325902 (0xFFB92D8E)
YUV	97.9180, 21.7324, 76.3709
Hunter-Lab	37.6206, 56.8297, -16.1761

Details

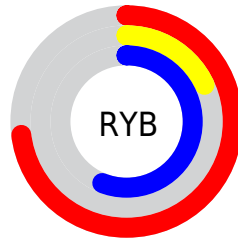
The YIQ color **97.9180, 52.3030, 59.8470** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **132.0820, -52.3030, -59.8470**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.9350, 53.6330, 57.7690**, and **48.7600, 46.7560, 55.7480** is the 20% darker color. If you saturate the color by 10%, you get **86.0810, 59.4540, 67.9180**, and if you desaturate by 10%, it is **109.1680, 45.4270, 52.2990**.

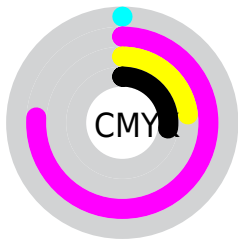
Distribution



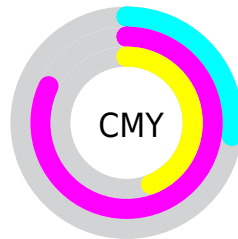
- Red (73%)
- Green (18%)
- Blue (56%)



- Red (73%)
- Yellow (18%)
- Blue (56%)



- Cyan (0%)
- Magenta (76%)
- Yellow (23%)
- Black (27%)



- Cyan (27%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.9180, 52.3030, 59.8470 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 97.9180, 52.3030, 59.8470 by changing the saturation by 10% instead.

97.9180, 52.3030,
59.8470

97.9180, 52.3030,
59.8470

255.0000, -0.0000,
-0.0000

59.8680, 55.7400,
69.1480

157.2340, 54.2290,
57.9810

48.7600, 46.7560,
55.7480

179.8520, 43.5010,
54.1650

37.6520, 37.7720,
42.3480

199.5940, 26.4920,
48.5400

26.9570, 29.0630,
29.4710

216.8450, 17.8750,
33.9950

16.4900, 19.7120,
17.2160

233.8680, 9.9000,
18.8280

0.0000, 0.0000,
0.0000

251.4780, 1.6500,

3.1380

■ 97.9180, 52.3030,
59.8470

■ 97.9180, 52.3030,
59.8470

■ 86.0810, 59.4540,
67.9180

■ 109.1680, 45.4270,
52.2990

■ 74.9450, 66.0090,
75.7770

■ 120.8910, 38.5970,
43.9170

■ 69.9070, 69.1720,
79.0280

■ 132.1410, 31.7210,
36.3690

■ 143.9780, 24.5700,
28.2980

■ 155.7010, 17.7400,
19.9160

■ 166.9510, 10.8640,
12.3680

■ 178.7880, 3.7130,
4.2970

■ 190.0380, -3.1630,
-3.2510

■ 201.7610, -9.9930,
-11.6330

Harmonies

Analogous

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



107.5010, -4.0430, 45.7570



97.9180, 52.3030, 59.8470



88.8010, 83.0690, 52.9330

Triad

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



97.9180, 52.3030, 59.8470



96.5740, 34.9890, -33.8990



95.4280, -92.3380, -11.5860

Complementary

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



97.9180, 52.3030, 59.8470



132.0820, -52.3030, -59.8470

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.



90.0870, -75.9210, -28.2810



97.9180, 52.3030, 59.8470



82.9870, -9.4350, -54.8030

Square

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



97.9180, 52.3030, 59.8470



98.8870, 68.5010, -13.4750



82.1870, -56.4320, -45.5840



95.0810, -101.0060, 2.3380

Rectangle

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



97.9180, 52.3030, 59.8470



93.1810, 86.9700, 31.7860



82.1870, -56.4320, -45.5840



94.1910, -87.4770, -17.0850

Sweetspot

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



97.9180, 52.3030, 59.8470



205.7770, 20.5820, 23.4780



73.5180, -19.9080, 52.4440



98.9020, 12.5600, 14.6720



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



97.9180, 52.3030, 59.8470



104.3960, 81.4570, 93.1770



90.0520, 74.4520, 38.3880



86.3750, 3.4380, 3.7740



58.9560, 58.3080, 66.6600



10.5380, 10.5890, 11.8450

Inverse Universe

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



97.9180, 52.3030, 59.8470



104.3960, 81.4570, 93.1770



139.9480, -74.4520, -38.3880



86.3750, 3.4380, 3.7740



58.9560, 58.3080, 66.6600



10.5380, 10.5890, 11.8450

Previews

White Background



This preview shows how the YIQ color 97.9180, 52.3030, 59.8470 looks on a white background.

Color Contrast Check

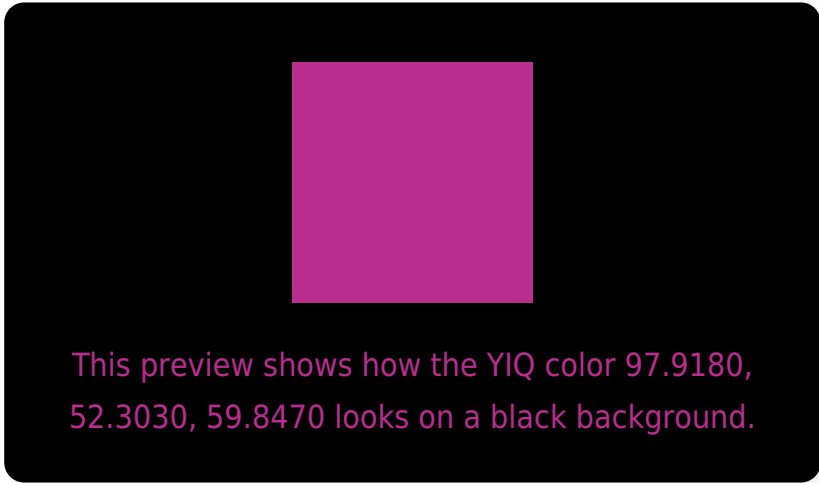
Large Text (above 18pt) WCAG AA ✓ Pass

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

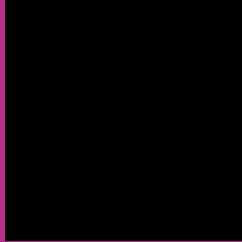
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.9180, 52.3030, 59.8470

Background



This preview shows how black text looks on a background with the YIQ color 97.9180, 52.3030, 59.8470.



This preview shows how white text looks on a background with the YIQ color 97.9180, 52.3030,

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

97.9180, 52.3030, 59.8470

Protanopia

101.8120, -48.4200, 18.4920

Deuteranopia

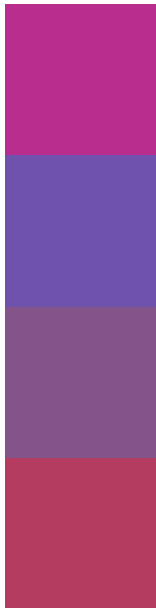
106.8220, -10.8220, 8.9060



Tritanopia

101.6450, 64.8720, 24.7760

Trichromacy



Original Color

97.9180, 52.3030, 59.8470

Protanomaly

100.5180, -11.8810, 33.6150

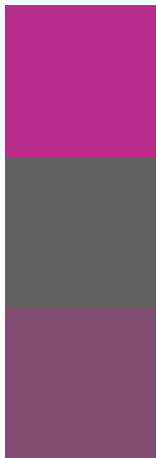
Deuteranomaly

103.8070, 11.8700, 27.1820

Tritanomaly

100.3970, 60.2390, 37.1590

Monochromacy



Original Color

97.9180, 52.3030, 59.8470

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.2390, 19.1610, 21.6970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.9180, 52.3030, 59.8470 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(185, 45, 142)` looks like.

```
.text, #text, p{  
    color:rgb(185, 45, 142)  
}
```

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(185, 45, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 45, 142) }
```

Border

The CSS property to change the border of an element to YIQ 97.9180, 52.3030, 59.8470 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(185, 45, 142) }
```


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

```
.border{ border-color:rgb(185, 45, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 45, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 45, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 45, 142);  
box-shadow:4px 4px 4px 4px rgb(185, 45,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 97.9180, 52.3030, 59.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 45, 142) }
```

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

```
.background{ background-color: rgb(185, 45,  
142) }
```

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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