

Converting Colors

YIQ(94.0760, 22.3190, 52.5830)

Have a look what the booklet for
YIQ(94.0760, 22.3190, 52.5830)
contains.

YIQ(94.0760, 22.3190, 52.5830)	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(94.0760, 22.3190,
52.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	94369F
RGB	148, 54, 159
RGB Percent	58%, 21%, 62%
CMY	0.4193, 0.7884, 0.3765
CMYK	0.07, 0.66, 0.00, 0.38
HSL	294°, 49%, 42%
HSV	294°, 66%, 62%
XYZ	19.8016, 11.4407, 33.9664
YIQ	94.0760, 22.3190, 52.5830

Conversions

Conversions Part 2

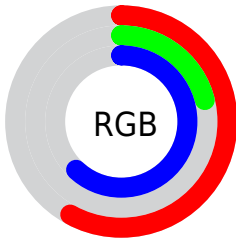
Format	Color
R_{YB}	148, 54, 159
Decimal	9713311
CIE _{Lab}	40.31, 53.68, -38.55
CIE _{LCh}	40, 66.088, 324.316
Yxy	11.4407, 0.3037, 0.1754
Android (android.graphics.Color)	4287903391 (0xFF94369F)
YUV	94.0760, 32.0075, 47.2913
Hunter-Lab	33.8241, 45.3066, -35.8624

Details

The YIQ color **94.0760, 22.3190, 52.5830** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **118.9240, -22.3190, -52.5830**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0870, 23.7860, 53.5300**, and **40.3040, 21.6770, 53.2050** is the 20% darker color. If you saturate the color by 10%, you get **84.0860, 25.5270, 60.5270**, and if you desaturate by 10%, it is **104.0660, 19.1110, 44.6390**.

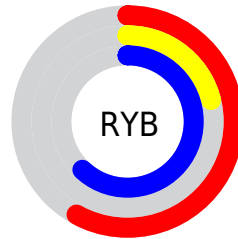
Distribution



Red (58%)

Green (21%)

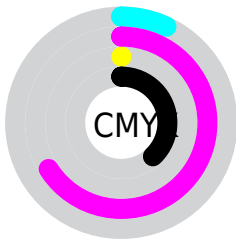
Blue (62%)



Red (58%)

Yellow (21%)

Blue (62%)

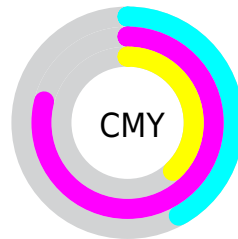


Cyan (7%)

Magenta (66%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (79%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.0760, 22.3190, 52.5830 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 94.0760, 22.3190, 52.5830 by changing the saturation by 10% instead.

94.0760, 22.3190,
52.5830

94.0760, 22.3190,
52.5830

255.0000, -0.0000,
-0.0000

65.4290, 22.8230,
54.4630

149.0870, 23.7860,
53.5300

40.3040, 21.6770,
53.2050

176.9130, 24.3360,
54.5760

29.3810, 13.6100,
39.7060

200.4090, 25.5750,
48.6390

20.1810, 7.8810,
27.8890

216.8450, 17.8750,
33.9950

5.3000, -9.1720,
12.0440

233.8680, 9.9000,
18.8280

1.2540, -3.5310,
3.4210

250.8910, 1.9250,

0.0000, 0.0000,

3.6610

0.0000

■ 94.0760, 22.3190,
52.5830

■ 94.0760, 22.3190,
52.5830

■ 84.0860, 25.5270,
60.5270

■ 104.0660, 19.1110,
44.6390

■ 74.3950, 29.3310,
68.6830

■ 113.7570, 15.3070,
36.4830

■ 64.4050, 32.5390,
76.6270

■ 123.7470, 12.0990,
28.5390

■ 60.5840, 33.5930,
79.5530

■ 133.7370, 8.8910,
20.5950

■ 142.8410, 5.3620,
12.9620

■ 152.8310, 2.1540,
5.0180

■ 162.8210, -1.0540,
-2.9260

■ 172.5120, -4.8580,
-11.0820

■ 182.5020, -8.0660,
-19.0260

Harmonies

Analogous

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



90.0650, -50.2100, 28.9100



94.0760, 22.3190, 52.5830



75.8340, 70.2750, 64.5390

Triad

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



94.0760, 22.3190, 52.5830



89.6180, 50.0250, -20.0470



84.9980, -76.7480, -18.7960

Complementary

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



94.0760, 22.3190, 52.5830



118.9240, -22.3190, -52.5830

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.



78.1410, -58.8180, -35.3780



94.0760, 22.3190, 52.5830



83.7610, 15.2290, -39.2270

Square

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



94.0760, 22.3190, 52.5830



86.3050, 79.5480, 1.0840



68.9530, -38.4580, -51.9460



88.3670, -90.3680, -3.2320

Rectangle

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



94.0760, 22.3190, 52.5830



72.9260, 84.2150, 54.1910



68.9530, -38.4580, -51.9460



82.9460, -70.9700, -24.3940

Sweetspot

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



94.0760, 22.3190, 52.5830



180.8510, 8.5700, 20.9060



73.0140, -37.0050, 26.3790



88.8410, 5.3620, 12.9620



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



94.0760, 22.3190, 52.5830



105.6490, 34.9680, 82.1680



92.8050, 41.7150, 42.4750



74.0050, 1.6040, 3.9720



54.5740, 30.3850, 71.6090



5.8960, 3.5290, 7.6330

Inverse Universe

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



86.6490, 59.0490, 25.6810



93.9740, 92.2870, 40.0550



120.1950, -41.7150, -42.4750



73.5060, 4.4470, 2.0070



44.4670, 80.4130, 34.9810



4.7130, 8.2980, 3.8020

Previews

White Background



This preview shows how the YIQ color 94.0760, 22.3190, 52.5830 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



This preview shows how the YIQ color 94.0760, 22.3190, 52.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

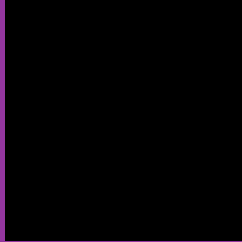
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.0760, 22.3190, 52.5830

Background



This preview shows how black text looks on a background with the YIQ color 94.0760, 22.3190, 52.5830.



This preview shows how white text looks on a background with the YIQ color 94.0760, 22.3190,

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

94.0760, 22.3190, 52.5830

Protanopia

77.8430, -85.2360, 13.9000

Deuteranopia

92.8160, -37.0480, 10.6320



Tritanopia

96.8090, 34.7510, 14.4870

Trichromacy



Original Color

94.0760, 22.3190, 52.5830



Protanomaly

83.6910, -46.2210, 28.2030



Deuteranomaly

93.6220, -15.4100, 25.9820



Tritanomaly

95.6150, 30.0260, 28.5380

Monochromacy



Original Color

94.0760, 22.3190, 52.5830



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

93.9110, 8.3410, 19.5490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.0760, 22.3190, 52.5830 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(148, 54, 159)` looks like.

```
.text, #text, p{  
    color:rgb(148, 54, 159)  
}
```

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(148, 54, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 54, 159) }
```

Border

The CSS property to change the border of an element to YIQ 94.0760, 22.3190, 52.5830 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(148, 54, 159) }
```


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

```
.border{ border-color:rgb(148, 54, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 54, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 54, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 54, 159);  
box-shadow:4px 4px 4px 4px rgb(148, 54,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 94.0760, 22.3190, 52.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 54, 159) }
```

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

```
.background{ background-color: rgb(148, 54,  
159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor