

Converting Colors

YIQ(92.8090, 43.9190, 24.5510)

Have a look what the booklet for
YIQ(92.8090, 43.9190, 24.5510)
contains.

YIQ(92.8090, 43.9190, 24.5510)	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(92.8090, 43.9190,
24.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	964156
RGB	150, 65, 86
RGB Percent	59%, 25%, 34%
CMY	0.4115, 0.7452, 0.6626
CMYK	0.00, 0.57, 0.43, 0.41
HSL	345°, 40%, 42%
HSV	345°, 57%, 59%
XYZ	16.1574, 10.9383, 10.0723
YIQ	92.8090, 43.9190, 24.5510

Conversions

Conversions Part 2

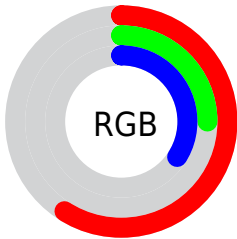
Format	Color
R _Y B	150, 65, 86
Decimal	9847126
CIE Lab	39.48, 37.86, 5.20
CIE LCh	39, 38.212, 7.816
Yxy	10.9383, 0.4347, 0.2943
Android (android.graphics.Color)	4288037206 (0xFF964156)
YUV	92.8090, -3.3568, 50.1565
Hunter-Lab	33.0731, 29.3258, 5.0945

Details

The YIQ color **92.8090, 43.9190, 24.5510** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **122.1910, -43.9190, -24.5510**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.4890, 47.8160, 25.5120**, and **40.1230, 40.1590, 26.6150** is the 20% darker color. If you saturate the color by 10%, you get **82.7500, 51.5750, 28.9750**, and if you desaturate by 10%, it is **102.8680, 36.2630, 20.1270**.

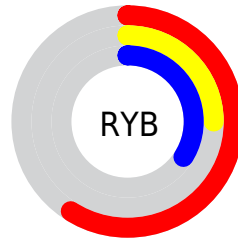
Distribution



Red (59%)

Green (25%)

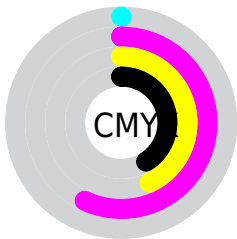
Blue (34%)



Red (59%)

Yellow (25%)

Blue (34%)

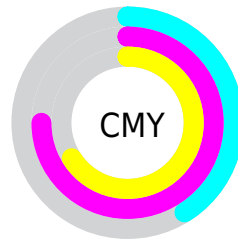


Cyan (0%)

Magenta (57%)

Yellow (43%)

Black (41%)



Cyan (41%)


Magenta (75%)


Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.8090, 43.9190, 24.5510 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 92.8090, 43.9190, 24.5510 by changing the saturation by 10% instead.


 92.8090, 43.9190,
24.5510


 92.8090, 43.9190,
24.5510


255.0000, -0.0000,
-0.0000


 67.1400, 41.4890,
24.5370


 145.4890, 47.8160,
25.5120


 39.5360, 40.4340,
27.1380

 172.9730, 49.3290,
25.6250


 23.0250, 34.3830,
21.1590

 197.5810, 44.5610,
23.9290

 14.2810, 27.3700,
10.5860

 216.6220, 28.1480,
18.5160

 0.0000, 0.0000,
0.0000

 236.8370, 11.1850,
12.0570

92.8090, 43.9190,
24.5510

92.8090, 43.9190,
24.5510

82.7500, 51.5750,
28.9750

102.8680, 36.2630,
20.1270

72.5770, 59.5520,
33.0880

113.0410, 28.2860,
16.0140

62.5180, 67.2080,
37.5120

123.1000, 20.6300,
11.5900

52.4590, 74.8640,
41.9360

133.1590, 12.9740,
7.1660

49.0680, 77.5230,
43.3070


143.2180, 5.3180,
2.7420

153.3910, -2.6590,
-1.3710

163.4500,
-10.3150, -5.7950

173.5090,

-17.9710, -10.2190

 183.6820,
-25.9480, -14.3320

Harmonies

Analogous

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



94.8040, 25.1200, 29.3440



92.8090, 43.9190, 24.5510



91.7150, 49.5150, 11.2350

Triad

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



92.8090, 43.9190, 24.5510



85.1790, -0.0870, -25.9670



77.5610, -76.4750, -7.2190

Complementary

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



92.8090, 43.9190, 24.5510



122.1910, -43.9190, -24.5510

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.



77.6290, -71.1550, -15.5310



92.8090, 43.9190, 24.5510



74.4480, -43.5050, -32.0570

Square

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



92.8090, 43.9190, 24.5510



88.7540, 26.2750, -19.1410



74.7960, -61.8000, -25.3840



87.2000, -46.9970, 9.2190

Rectangle

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



92.8090, 43.9190, 24.5510



91.5970, 46.4910, -0.0450



74.7960, -61.8000, -25.3840



78.1650, -75.4200, -9.8200

Sweetspot

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



92.8090, 43.9190, 24.5510



171.7790, 17.1000, 9.4840



93.8260, 10.8590, 40.0030



84.1370, 10.0400, 5.2720



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



92.8090, 43.9190, 24.5510



105.2300, 68.0790, 38.2470



102.7420, 44.8850, 7.0370



69.2070, 3.8510, 1.7950



45.1380, 71.3340, 39.8300



3.3320, 4.9970, 3.0530

Inverse Universe

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



92.8090, 43.9190, 24.5510



105.2300, 68.0790, 38.2470



112.2580, -44.8850, -7.0370



69.2070, 3.8510, 1.7950



45.1380, 71.3340, 39.8300



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 92.8090, 43.9190, 24.5510 looks on a white background.

Color Contrast Check

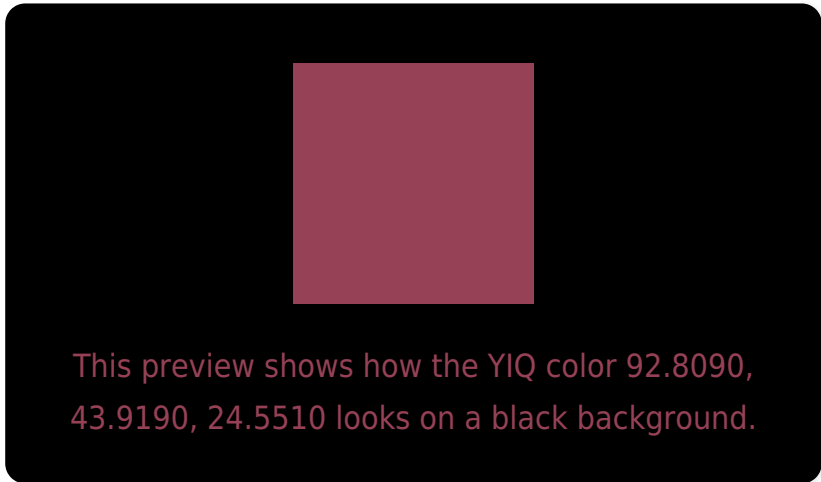
Large Text (above 18pt) WCAG AA ✓ Pass

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

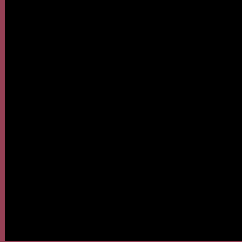
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.8090, 43.9190, 24.5510

Background



This preview shows how black text looks on a background with the YIQ color 92.8090, 43.9190, 24.5510.



This preview shows how white text looks on a background with the YIQ color 92.8090, 43.9190,

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

92.8090, 43.9190, 24.5510

Protanopia

94.0260, -2.8890, 2.7990

Deuteranopia

94.1710, 12.7000, 1.1160



Tritanopia

92.6750, 46.9920, 18.4160

Trichromacy



Original Color

92.8090, 43.9190, 24.5510

Protanomaly

93.7510, 14.3030, 10.6150

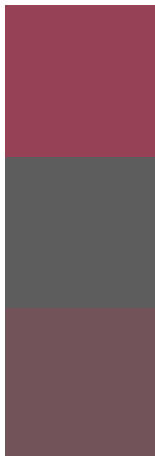
Deuteranomaly

93.7860, 24.3900, 9.5260

Tritanomaly

92.6580, 45.6620, 20.4940

Monochromacy



Original Color

92.8090, 43.9190, 24.5510

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.0670, 16.2290, 8.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.8090, 43.9190, 24.5510 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(150, 65, 86)` looks like.

```
.text, #text, p{  
    color:rgb(150, 65, 86)  
}
```

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(150, 65, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 65, 86) }
```

Border

The CSS property to change the border of an element to YIQ 92.8090, 43.9190, 24.5510 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(150, 65, 86) }
```


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

```
.border{ border-color:rgb(150, 65, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 65, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 65, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 65, 86);  
box-shadow:4px 4px 4px 4px rgb(150, 65,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 92.8090, 43.9190, 24.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 65, 86) }
```

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

```
.background{ background-color: rgb(150, 65,  
86) }
```

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