

Converting Colors

YIQ(109.5940, 43.6870, 39.7750)

Have a look what the booklet for
YIQ(109.5940, 43.6870, 39.7750)
contains.

YIQ(109.5940, 43.6870, 39.7750)	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(109.5940, 43.6870,
39.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	B04881
RGB	176, 72, 129
RGB Percent	69%, 28%, 51%
CMY	0.3095, 0.7178, 0.4940
CMYK	0.00, 0.59, 0.27, 0.31
HSL	327°, 42%, 49%
HSV	327°, 59%, 69%
XYZ	24.2000, 15.4535, 22.4877
YIQ	109.5940, 43.6870, 39.7750

Conversions

Conversions Part 2

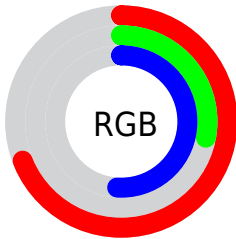
Format	Color
R_{YB}	176, 72, 129
Decimal	11552897
CIE _{Lab}	46.25, 48.59, -10.89
CIE _{LCh}	46, 49.796, 347.363
Yxy	15.4535, 0.3894, 0.2487
Android (android.graphics.Color)	4289742977 (0xFFB04881)
YUV	109.5940, 9.5672, 58.2381
Hunter-Lab	39.3109, 41.0915, -6.3991

Details

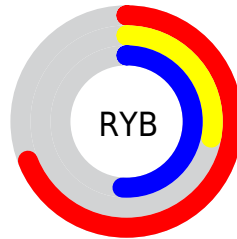
The YIQ color **109.5940, 43.6870, 39.7750** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **138.4060, -43.6870, -39.7750**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0890, 46.6670, 40.8350**, and **52.0440, 42.5400, 44.0440** is the 20% darker color. If you saturate the color by 10%, you get **98.1160, 51.2050, 46.7010**, and if you desaturate by 10%, it is **121.0720, 36.1690, 32.8490**.

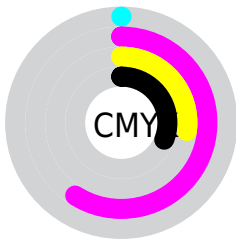
Distribution



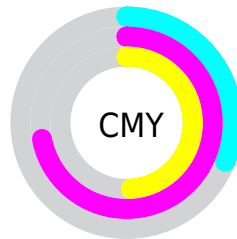
- Red (69%)
- Green (28%)
- Blue (51%)



- Red (69%)
- Yellow (28%)
- Blue (51%)



- Cyan (0%)
- Magenta (59%)
- Yellow (27%)
- Black (31%)





- Cyan (31%)
- Magenta (72%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.5940, 43.6870, 39.7750 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 109.5940, 43.6870, 39.7750 by changing the saturation by 10% instead.


 109.5940, 43.6870,
39.7750


 109.5940, 43.6870,
39.7750


255.0000, -0.0000,
-0.0000


 82.5230, 42.4490,
40.1850


 164.0890, 46.6670,
40.8350


 51.4570, 42.8150,
44.5670


 189.9960, 42.4950,
39.3510


 34.3050, 37.1310,
37.4430

 209.0370, 26.0820,
33.9380

 24.0230, 28.6970,
25.0890

 227.9980, 12.6500,
24.0580

 14.2250, 21.7760,
12.8480

 245.0210, 4.6750,
8.8910

 0.0000, 0.0000,
0.0000

109.5940, 43.6870,
39.7750

109.5940, 43.6870,
39.7750

98.1160, 51.2050,
46.7010

121.0720, 36.1690,
32.8490

87.2250, 58.4480,
53.1040

131.9630, 28.9260,
26.4460

75.7470, 65.9660,
60.0300

143.4410, 21.4080,
19.5200

64.8560, 73.2090,
66.4330

154.3320, 14.1650,
13.1170

63.6820, 73.7590,
67.4790


165.8100, 6.6470,
6.1910

177.2880, -0.8710,
-0.7350

188.1790, -8.1140,
-7.1380

199.6570,

-15.6320, -14.0640

 210.5480,
-22.8750, -20.4670

Harmonies

Analogous

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



113.1520, 6.8250, 36.0170



109.5940, 43.6870, 39.7750



106.9100, 62.8080, 29.1440

Triad

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



109.5940, 43.6870, 39.7750



101.8490, 26.9650, -31.6510



93.9290, -89.4950, -13.5510

Complementary

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



109.5940, 43.6870, 39.7750



138.4060, -43.6870, -39.7750

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.



90.8850, -78.1680, -26.1040



109.5940, 43.6870, 39.7750



95.7160, -15.2610, -37.3170

Square

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



109.5940, 43.6870, 39.7750



104.9220, 52.2250, -15.8630



85.3960, -64.0900, -38.9540



91.6270, -94.0360, -2.8360

Rectangle

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



109.5940, 43.6870, 39.7750



106.8480, 65.3780, 15.6020



85.3960, -64.0900, -38.9540



93.2620, -86.2390, -17.4950

Sweetspot

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



109.5940, 43.6870, 39.7750



203.1800, 17.6490, 16.0570



97.9090, -5.3720, 42.3080



98.9570, 10.7270, 9.3430



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



109.5940, 43.6870, 39.7750



125.8830, 68.5790, 62.2350



103.6660, 60.3790, 23.6030



83.2610, 3.7590, 3.4630



55.3230, 64.2240, 58.5600



9.3700, 11.0020, 9.8660

Inverse Universe

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



109.5940, 43.6870, 39.7750



125.8830, 68.5790, 62.2350



144.3340, -60.3790, -23.6030



83.2610, 3.7590, 3.4630



55.3230, 64.2240, 58.5600



9.3700, 11.0020, 9.8660

Previews

White Background



This preview shows how the YIQ color 109.5940, 43.6870, 39.7750 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 109.5940, 43.6870, 39.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

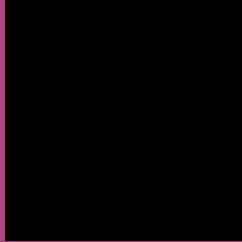
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.5940, 43.6870, 39.7750

Background



This preview shows how black text looks on a background with the YIQ color 109.5940, 43.6870, 39.7750.



This preview shows how white text looks on a background with the YIQ color 109.5940, 43.6870,

39.7750.

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

109.5940, 43.6870, 39.7750

Protanopia

110.3570, -22.5140, 11.5500

Deuteranopia

111.3300, -0.6890, 6.9830



Tritanopia

108.8930, 52.3100, 21.1580

Trichromacy



Original Color

109.5940, 43.6870, 39.7750

Protanomaly

110.3710, 1.2340, 21.6980

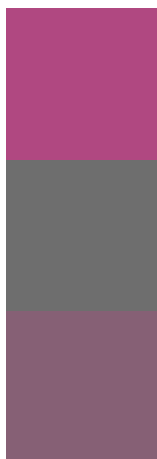
Deuteranomaly

110.5050, 15.3560, 19.0680

Tritanomaly

109.1410, 48.9160, 27.6040

Monochromacy



Original Color

109.5940, 43.6870, 39.7750

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7560, 15.9070, 14.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.5940, 43.6870, 39.7750 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(176, 72, 129)` looks like.

```
.text, #text, p{  
    color:rgb(176, 72, 129)  
}
```

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(176, 72, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 72, 129) }
```

Border

The CSS property to change the border of an element to YIQ 109.5940, 43.6870, 39.7750 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(176, 72, 129) }
```


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

```
.border{ border-color:rgb(176, 72, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 72, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 72, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 72, 129);  
box-shadow:4px 4px 4px 4px rgb(176, 72,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 109.5940, 43.6870, 39.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 72, 129) }
```

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

```
.background{ background-color: rgb(176, 72,  
129) }
```

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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