

Converting Colors

YIQ(96.5530, 24.5690, 33.8250)

Have a look what the booklet for
YIQ(96.5530, 24.5690, 33.8250)
contains.

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Color

**YIQ(96.5530, 24.5690,
33.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	8D447F
RGB	141, 68, 127
RGB Percent	55%, 27%, 50%
CMY	0.4468, 0.7334, 0.5019
CMYK	0.00, 0.52, 0.10, 0.45
HSL	312°, 35%, 41%
HSV	312°, 52%, 55%
XYZ	16.8905, 11.3306, 21.3800
YIQ	96.5530, 24.5690, 33.8250

Conversions

Conversions Part 2

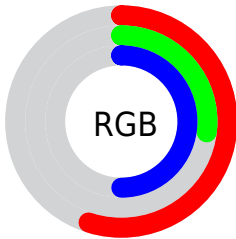
Format	Color
R_{YB}	141, 68, 127
Decimal	9258111
CIE _{Lab}	40.13, 39.16, -19.47
CIE _{LCh}	40, 43.731, 333.567
Yxy	11.3306, 0.3405, 0.2284
Android (android.graphics.Color)	4287448191 (0xFF8D447F)
YUV	96.5530, 15.0104, 38.9800
Hunter-Lab	33.6610, 30.6616, -14.0957

Details

The YIQ color **96.5530, 24.5690, 33.8250** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **112.4470, -24.5690, -33.8250**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9770, 26.3110, 35.2950**, and **44.8950, 23.6060, 34.7580** is the 20% darker color. If you saturate the color by 10%, you get **87.9930, 29.3820, 40.2140**, and if you desaturate by 10%, it is **105.1130, 19.7560, 27.4360**.

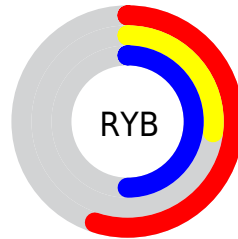
Distribution



Red (55%)

Green (27%)

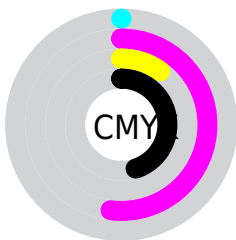
Blue (50%)



Red (55%)

Yellow (27%)

Blue (50%)

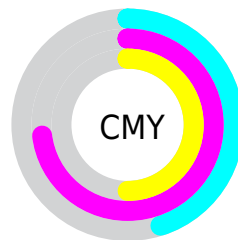


Cyan (0%)

Magenta (52%)

Yellow (10%)

Black (45%)



Cyan (45%)

Magenta (73%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.5530, 24.5690, 33.8250 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 96.5530, 24.5690, 33.8250 by changing the saturation by 10% instead.

■ 96.5530, 24.5690,
33.8250

■ 96.5530, 24.5690,
33.8250

■ 255.0000, -0.0000,
-0.0000

■ 70.9550, 23.3770,
33.4010

■ 148.9770, 26.3110,
35.2950

■ 44.8950, 23.6060,
34.7580

■ 176.6890, 27.1820,
36.0300

■ 25.1070, 19.8930,
30.4610

■ 204.4010, 28.0530,
36.7650

■ 16.7330, 14.7140,
19.6900

■ 223.3020, 14.8500,
28.2420

■ 0.6840, -1.9260,
1.8660

■ 239.7380, 7.1500,
13.5980

■ 0.0000, 0.0000,
0.0000

96.5530, 24.5690,
33.8250

96.5530, 24.5690,
33.8250

87.9930, 29.3820,
40.2140

105.1130, 19.7560,
27.4360

79.5470, 33.8740,
46.9140

113.5590, 15.2640,
20.7360

70.9870, 38.6870,
53.3030

122.1190, 10.4510,
14.3470

62.4270, 43.5000,
59.6920

130.6790, 5.6380,
7.9580

55.1550, 47.4420,
65.3460


139.8260, 0.5500,
1.0460

148.2720, -3.9420,
-5.6540

156.8320, -8.7550,
-12.0430

165.3920,

-13.5680, -18.4320

 173.8380,
-18.0600, -25.1320

Harmonies

Analogous

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



96.4760, -12.0630, 25.8970



96.5530, 24.5690, 33.8250



92.9500, 48.1360, 30.7280

Triad

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



96.5530, 24.5690, 33.8250



89.3650, 34.6200, -21.7000



80.3190, -73.2180, -16.6900

Complementary

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



96.5530, 24.5690, 33.8250



112.4470, -24.5690, -33.8250

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.



76.9160, -62.2580, -28.0980



96.5530, 24.5690, 33.8250



85.9960, 4.6820, -29.7980

Square

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



96.5530, 24.5690, 33.8250



92.1150, 50.6640, -4.0880



70.9370, -49.5560, -38.0360



80.8210, -80.1430, -6.8230

Rectangle

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



96.5530, 24.5690, 33.8250



92.2740, 55.6110, 21.9070



70.9370, -49.5560, -38.0360



79.0650, -69.6870, -20.1110

Sweetspot

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



96.5530, 24.5690, 33.8250



165.7060, 10.1760, 13.8240



80.2090, -15.6850, 25.4590



80.9780, 6.2340, 8.1700



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



96.5530, 24.5690, 33.8250



114.5740, 38.4120, 52.7800



92.4490, 36.1250, 22.6290



66.7770, 2.2460, 3.3500



52.7910, 45.4710, 62.5190



3.0760, 2.8420, 3.5620

Inverse Universe

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



96.5530, 24.5690, 33.8250



114.5740, 38.4120, 52.7800



116.5510, -36.1250, -22.6290



66.7770, 2.2460, 3.3500



52.7910, 45.4710, 62.5190



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 96.5530, 24.5690, 33.8250 looks on a white background.

Color Contrast Check

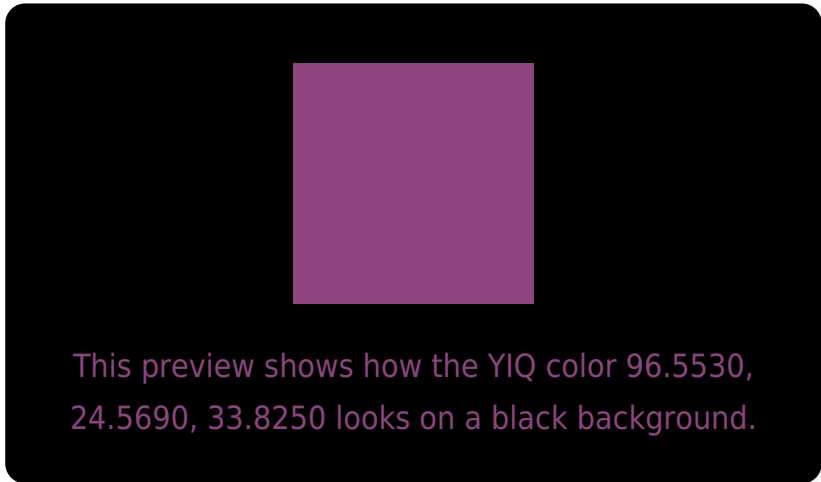
Large Text (above 18pt) WCAG AA ✓ Pass

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

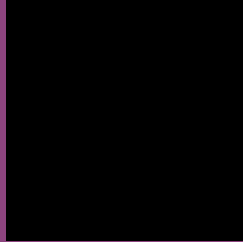
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.5530, 24.5690, 33.8250

Background



This preview shows how black text looks on a background with the YIQ color 96.5530, 24.5690, 33.8250.



This preview shows how white text looks on a background with the YIQ color 96.5530, 24.5690,

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

96.5530, 24.5690, 33.8250

Protanopia

94.0730, -27.4660, 13.1900

Deuteranopia

95.5230, -11.4180, 8.6940



Tritanopia

96.0260, 32.6420, 14.1620

Trichromacy



Original Color

96.5530, 24.5690, 33.8250

Protanomaly

95.1680, -8.4400, 20.8080

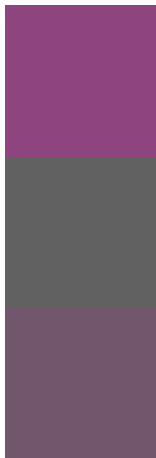
Deuteranomaly

96.0350, 2.0600, 17.7400

Tritanomaly

96.1000, 29.7980, 21.6540

Monochromacy



Original Color

96.5530, 24.5690, 33.8250

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.5810, 9.0300, 12.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.5530, 24.5690, 33.8250 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(141, 68, 127)` looks like.

```
.text, #text, p{  
    color:rgb(141, 68, 127)  
}
```

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(141, 68, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 68, 127) }
```

Border

The CSS property to change the border of an element to YIQ 96.5530, 24.5690, 33.8250 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(141, 68, 127) }
```


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

```
.border{ border-color:rgb(141, 68, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 68, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 68, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 68, 127);  
box-shadow:4px 4px 4px 4px rgb(141, 68,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 96.5530, 24.5690, 33.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 68, 127) }
```

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

```
.background{ background-color: rgb(141, 68,  
127) }
```

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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