

Converting Colors

YIQ(99.0550, 25.6710, 24.8630)

Have a look what the booklet for
YIQ(99.0550, 25.6710, 24.8630)
contains.

YIQ(99.0550, 25.6710, 24.8630)	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(99.0550, 25.6710,
24.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4C71
RGB	139, 76, 113
RGB Percent	55%, 30%, 44%
CMY	0.4547, 0.7020, 0.5568
CMYK	0.00, 0.45, 0.19, 0.45
HSL	325°, 29%, 42%
HSV	325°, 45%, 55%
XYZ	16.2191, 11.8507, 17.0609
YIQ	99.0550, 25.6710, 24.8630

Conversions

Conversions Part 2

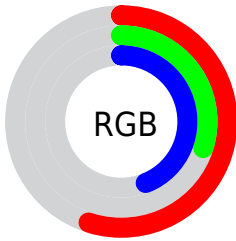
Format	Color
R_{YB}	139, 76, 113
Decimal	9129073
CIE _{Lab}	40.98, 31.74, -9.59
CIE _{LCh}	41, 33.154, 343.195
Yxy	11.8507, 0.3594, 0.2626
Android (android.graphics.Color)	4287319153 (0xFF8B4C71)
YUV	99.0550, 6.8749, 35.0318
Hunter-Lab	34.4248, 23.8562, -5.2866

Details

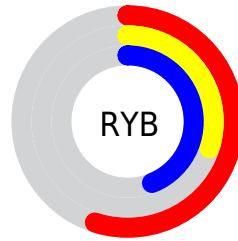
The YIQ color **99.0550, 25.6710, 24.8630** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **115.9450, -25.6710, -24.8630**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.3650, 27.7340, 26.0220**, and **49.8590, 23.2870, 24.0150** is the 20% darker color. If you saturate the color by 10%, you get **90.1530, 31.4470, 30.3190**, and if you desaturate by 10%, it is **107.9570, 19.8950, 19.4070**.

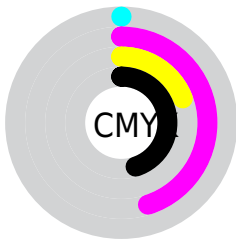
Distribution



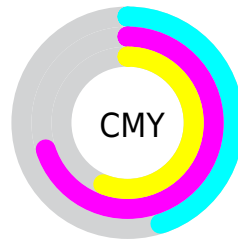
- Red (55%)
- Green (30%)
- Blue (44%)



- Red (55%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (45%)
- Yellow (19%)
- Black (45%)



- Cyan (45%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.0550, 25.6710, 24.8630 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 99.0550, 25.6710, 24.8630 by changing the saturation by 10% instead.

■ 99.0550, 25.6710,
24.8630

■ 99.0550, 25.6710,
24.8630

■ 255.0000, -0.0000,
-0.0000

■ 74.4570, 24.4790,
24.4390

■ 151.3650, 27.7340,
26.0220

■ 49.8590, 23.2870,
24.0150

■ 178.0770, 28.6050,
26.7570

■ 24.6140, 22.5990,
25.4710

■ 205.7890, 29.4760,
27.4920

■ 15.1800, 17.6490,
16.0570

■ 226.6130, 15.1720,
22.4040

■ 0.0000, 0.0000,
0.0000

■ 243.8470, 5.2250,
9.9370

99.0550, 25.6710,
24.8630

99.0550, 25.6710,
24.8630

90.1530, 31.4470,
30.3190

107.9570, 19.8950,
19.4070

81.3650, 36.9020,
36.0860

116.7450, 14.4400,
13.6400

72.4630, 42.6780,
41.5420

125.6470, 8.6640,
8.1840

63.5610, 48.4540,
46.9980

134.5490, 2.8880,
2.7280

54.6590, 54.2300,
52.4540

142.8640, -2.6130,
-2.2050


50.9090, 56.5220,
54.9700

151.6520, -8.0680,
-7.9720

160.5540,
-13.8440, -13.4280

169.4560,

-19.6200, -18.8840

 178.3580,
-25.3960, -24.3400

Harmonies

Analogous

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



99.4850, 0.9130, 22.0090



99.0550, 25.6710, 24.8630



97.4940, 40.2520, 19.4200

Triad

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



99.0550, 25.6710, 24.8630



93.1000, 19.4890, -17.3030



79.1450, -72.6680, -15.6440

Complementary

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



99.0550, 25.6710, 24.8630



115.9450, -25.6710, -24.8630

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.



77.4690, -65.1930, -24.4650



99.0550, 25.6710, 24.8630



89.8350, -4.8100, -22.9700

Square

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



99.0550, 25.6710, 24.8630



95.5200, 36.2220, -6.6740



81.4750, -38.9670, -26.1910



77.9200, -76.1080, -8.3640

Rectangle

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



99.0550, 25.6710, 24.8630



96.6050, 44.0130, 11.8290



81.4750, -38.9670, -26.1910



78.9340, -70.6960, -18.3440

Sweetspot

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



99.0550, 25.6710, 24.8630



165.1850, 10.0850, 9.9650



90.6570, -5.3230, 24.8930



81.8100, 6.6470, 6.1910



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.



99.0550, 25.6710, 24.8630



118.9140, 39.7900, 38.8140



95.5210, 35.6220, 15.2220



64.5490, 2.8880, 2.7280



48.6590, 54.2300, 52.4540



1.8370, 2.0170, 1.9930

Inverse Universe

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



99.0550, 25.6710, 24.8630



118.9140, 39.7900, 38.8140



119.4790, -35.6220, -15.2220



64.5490, 2.8880, 2.7280



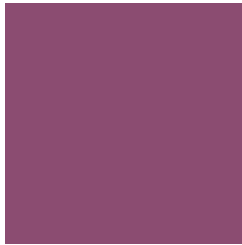
48.6590, 54.2300, 52.4540



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 99.0550, 25.6710, 24.8630 looks on a white background.

Color Contrast Check

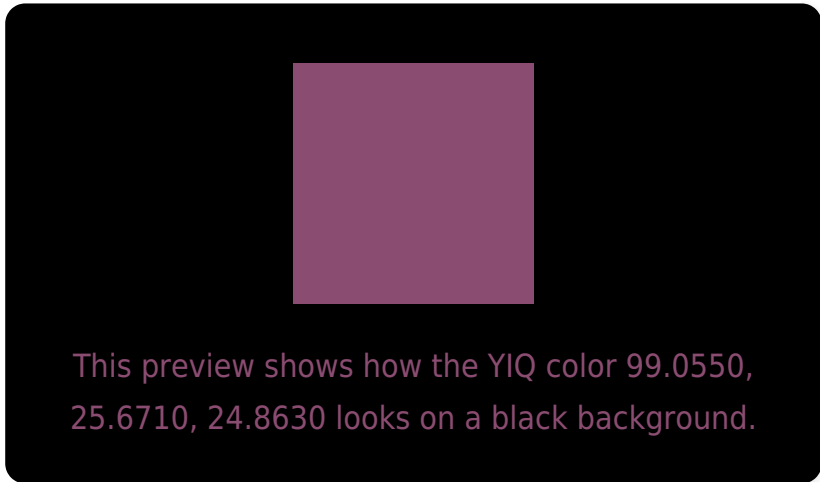
Large Text (above 18pt) WCAG AA ✓ Pass

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

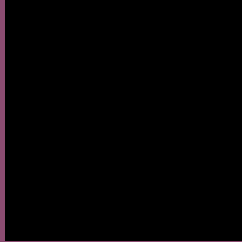
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.0550, 25.6710, 24.8630

Background



This preview shows how black text looks on a background with the YIQ color 99.0550, 25.6710, 24.8630.



This preview shows how white text looks on a background with the YIQ color 99.0550, 25.6710,

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

99.0550, 25.6710, 24.8630

Protanopia

97.4410, -14.1230, 8.1570

Deuteranopia

98.5040, -1.2390, 5.9370



Tritanopia

98.1290, 30.8540, 13.5260

Trichromacy



Original Color

99.0550, 25.6710, 24.8630

Protanomaly

98.1440, 0.1350, 14.0790

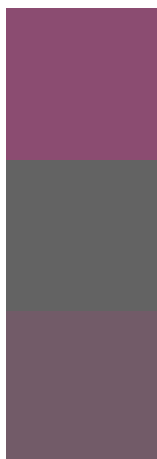
Deuteranomaly

98.6950, 8.7090, 12.8770

Tritanomaly

98.2800, 29.1110, 17.5830

Monochromacy



Original Color

99.0550, 25.6710, 24.8630

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.3590, 9.5350, 8.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.0550, 25.6710, 24.8630 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(139, 76, 113)` looks like.

```
.text, #text, p{  
    color:rgb(139, 76, 113)  
}
```

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(139, 76, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 76, 113) }
```

Border

The CSS property to change the border of an element to YIQ 99.0550, 25.6710, 24.8630 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(139, 76, 113) }
```


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

```
.border{ border-color:rgb(139, 76, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 76, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 76, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 76, 113);  
box-shadow:4px 4px 4px 4px rgb(139, 76,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 99.0550, 25.6710, 24.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 76, 113) }
```

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

```
.background{ background-color: rgb(139, 76,  
113) }
```

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