

Converting Colors

YIQ(105.8840, 39.3340, 25.0460)

Have a look what the booklet for
YIQ(105.8840, 39.3340, 25.0460)
contains.

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Color

**YIQ(105.8840, 39.3340,
25.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	9F4F69
RGB	159, 79, 105
RGB Percent	62%, 31%, 41%
CMY	0.3763, 0.6903, 0.5881
CMYK	0.00, 0.50, 0.34, 0.38
HSL	340°, 34%, 47%
HSV	340°, 50%, 62%
XYZ	19.6537, 13.9841, 15.0373
YIQ	105.8840, 39.3340, 25.0460

Conversions

Conversions Part 2

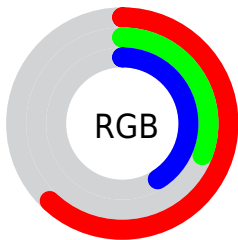
Format	Color
R_{YB}	159, 79, 105
Decimal	10440553
CIE _{Lab}	44.21, 36.14, 0.43
CIE _{LCh}	44, 36.145, 0.684
Yxy	13.9841, 0.4038, 0.2873
Android (android.graphics.Color)	4288630633 (0xFF9F4F69)
YUV	105.8840, -0.4358, 46.5827
Hunter-Lab	37.3953, 28.3717, 2.3352

Details

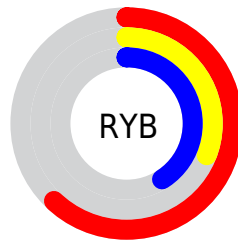
The YIQ color **105.8840, 39.3340, 25.0460** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **132.1160, -39.3340, -25.0460**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.6780, 42.9100, 26.3180**, and **55.0300, 35.9870, 25.1310** is the 20% darker color. If you saturate the color by 10%, you get **95.2380, 47.2650, 29.9930**, and if you desaturate by 10%, it is **116.5300, 31.4030, 20.0990**.

Distribution



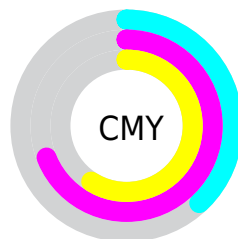
- Red (62%)
- Green (31%)
- Blue (41%)



- Red (62%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (38%)





- Cyan (38%)
- Magenta (69%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.8840, 39.3340, 25.0460 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 105.8840, 39.3340, 25.0460 by changing the saturation by 10% instead.


 105.8840, 39.3340,
25.0460


 105.8840, 39.3340,
25.0460

255.0000, -0.0000,
-0.0000


 80.4000, 37.8210,
24.9330


 158.6780, 42.9100,
26.3180


 55.0300, 35.9870,
25.1310


 186.2760, 44.1020,
26.7420


 27.5400, 34.6110,
28.0430

 208.8940, 33.3740,
22.9260

 17.8560, 27.3690,
16.1130

 228.5220, 16.6860,
16.9900

 7.2900, 13.9830,
5.3990

 246.7820, 3.8500,
7.3220

 0.0000, 0.0000,
0.0000

■ 105.8840, 39.3340,
25.0460

■ 105.8840, 39.3340,
25.0460

■ 95.2380, 47.2650,
29.9930

■ 116.5300, 31.4030,
20.0990

■ 84.7060, 54.8750,
35.2510

■ 127.0620, 23.7930,
14.8410

■ 74.0600, 62.8060,
40.1980

■ 137.7080, 15.8620,
9.8940

■ 63.4140, 70.7370,
45.1450

■ 148.3540, 7.9310,
4.9470

■ 53.4690, 78.0720,
49.8800


■ 158.4130, 0.2750,
0.5230

■ 168.9450, -7.3350,
-4.7350

■ 179.5910,
-15.2660, -9.6820

■ 190.2370,

-23.1970, -14.6290

 200.8830,
-31.1280, -19.5760

Harmonies

Analogous

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



107.6290, 18.2430, 27.3230



105.8840, 39.3340, 25.0460



104.3390, 47.8180, 14.4580

Triad

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



105.8840, 39.3340, 25.0460



98.7670, 7.0650, -23.4230



85.2890, -81.7010, -11.6290

Complementary

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



105.8840, 39.3340, 25.0460



132.1160, -39.3340, -25.0460

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.



85.1290, -75.7390, -20.5630



105.8840, 39.3340, 25.0460



92.6630, -24.9370, -27.1530

Square

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



105.8840, 39.3340, 25.0460



101.4280, 30.3090, -15.1550



82.2960, -66.3840, -30.4160



96.4550, -52.2690, 5.6430

Rectangle

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



105.8840, 39.3340, 25.0460



104.1180, 46.5820, 3.8140



82.2960, -66.3840, -30.4160



85.7790, -80.3250, -14.5410

Sweetspot

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



105.8840, 39.3340, 25.0460



186.4090, 15.2660, 9.6820



103.9670, 5.9080, 36.1160



92.3650, 9.3980, 5.8940



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.



105.8840, 39.3340, 25.0460



124.6360, 61.0640, 38.7280



110.5510, 44.1050, 10.1610



73.7340, 3.8050, 2.6290



48.0010, 70.4620, 44.6220



5.0550, 7.3350, 4.7350

Inverse Universe

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



105.8840, 39.3340, 25.0460



124.6360, 61.0640, 38.7280



127.4490, -44.1050, -10.1610



73.7340, 3.8050, 2.6290



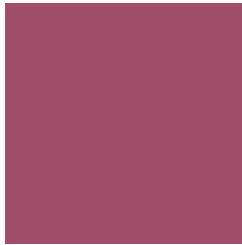
48.0010, 70.4620, 44.6220



5.0550, 7.3350, 4.7350

Previews

White Background



This preview shows how the YIQ color 105.8840, 39.3340, 25.0460 looks on a white background.

Color Contrast Check

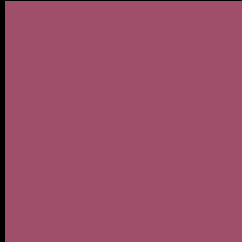
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.8840, 39.3340, 25.0460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

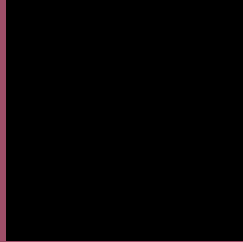
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.8840, 39.3340, 25.0460

Background



This preview shows how black text looks on a background with the YIQ color 105.8840, 39.3340, 25.0460.

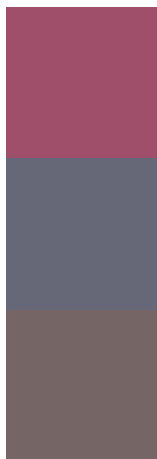


This preview shows how white text looks on a background with the YIQ color 105.8840, 39.3340,

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

105.8840, 39.3340, 25.0460

Protanopia

105.2260, -6.3280, 4.5520

Deuteranopia

106.3710, 9.2610, 2.8690



Tritanopia

105.4080, 43.3700, 17.9780

Trichromacy



Original Color

105.8840, 39.3340, 25.0460

Protanomaly

105.6520, 10.2680, 12.1560

Deuteranomaly

106.2740, 20.0800, 10.5440

Tritanomaly

105.5050, 41.7190, 20.3670

Monochromacy



Original Color

105.8840, 39.3340, 25.0460

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.8110, 14.0740, 9.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.8840, 39.3340, 25.0460 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(159, 79, 105)` looks like.

```
.text, #text, p{  
    color:rgb(159, 79, 105)  
}
```

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(159, 79, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 79, 105) }
```

Border

The CSS property to change the border of an element to YIQ 105.8840, 39.3340, 25.0460 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(159, 79, 105) }
```


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

```
.border{ border-color:rgb(159, 79, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 79, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 79, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 79, 105);  
box-shadow:4px 4px 4px 4px rgb(159, 79,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 105.8840, 39.3340, 25.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 79, 105) }
```

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

```
.background{ background-color: rgb(159, 79,  
105) }
```

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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