

Converting Colors

YIQ(99.1670, 55.1950, 40.4670)

Have a look what the booklet for
YIQ(99.1670, 55.1950, 40.4670)
contains.

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Color

**YIQ(99.1670, 55.1950,
40.4670)**

Conversions

Conversions Part 1	
Format	Color
Hex	B13A6B
RGB	177, 58, 107
RGB Percent	69%, 23%, 42%
CMY	0.3056, 0.7727, 0.5802
CMYK	0.00, 0.67, 0.40, 0.31
HSL	335°, 51%, 46%
HSV	335°, 67%, 69%
XYZ	22.3165, 13.4401, 15.3406
YIQ	99.1670, 55.1950, 40.4670

Conversions

Conversions Part 2

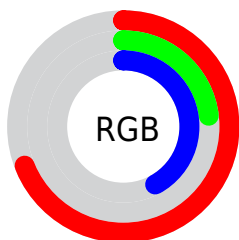
Format	Color
RYB	177, 58, 107
Decimal	11614827
CIELab	43.42, 52.34, -1.62
CIELCh	43, 52.369, 358.224
Yxy	13.4401, 0.4367, 0.2630
Android (android.graphics.Color)	4289804907 (0xFFB13A6B)
YUV	99.1670, 3.8617, 68.2595
Hunter-Lab	36.6607, 44.5021, 0.8527

Details

The YIQ color **99.1670, 55.1950, 40.4670** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **135.8330, -55.1950, -40.4670**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9070, 58.8630, 40.0710**, and **42.7200, 52.2600, 44.1000** is the 20% darker color. If you saturate the color by 10%, you get **87.4610, 63.3550, 46.7710**, and if you desaturate by 10%, it is **110.8730, 47.0350, 34.1630**.

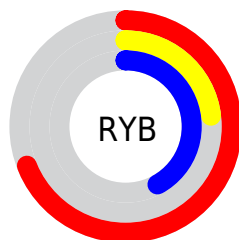
Distribution



Red (69%)

Green (23%)

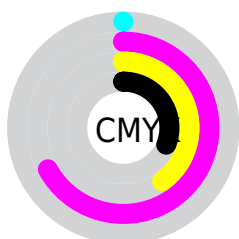
Blue (42%)



Red (69%)

Yellow (23%)

Blue (42%)

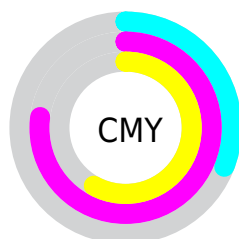


Cyan (0%)

Magenta (67%)

Yellow (40%)

Black (31%)



Cyan (31%)

Magenta (77%)


Yellow (58%)


Brightness & Saturation

Gradients


These gradients show how the YIQ color 99.1670, 55.1950, 40.4670 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 99.1670, 55.1950, 40.4670 by changing the saturation by 10% instead.


 99.1670, 55.1950,
40.4670


 99.1670, 55.1950,
40.4670


255.0000, -0.0000,
-0.0000


 69.5630, 54.1400,
43.0680


 154.9070, 58.8630,
40.0710


 42.7200, 52.2600,
44.1000


 179.5150, 54.0950,
38.3750

 31.8400, 42.6340,
31.3220


 199.1430, 37.4070,
32.4390

 21.4870, 32.9620,
19.3780

 218.7710, 20.7190,
26.5030


 11.4760, 22.3270,
8.3670


 237.3900, 8.2500,
15.6900


 0.0000, 0.0000,
0.0000


254.4130, 0.2750,


0.5230


 99.1670, 55.1950,
40.4670


 99.1670, 55.1950,
40.4670


 87.4610, 63.3550,
46.7710


 110.8730, 47.0350,
34.1630


 76.2280, 71.5610,
52.2410


 122.1060, 38.8290,
28.6930


 64.5220, 79.7210,
58.5450

 133.8120, 30.6690,
22.3890

 61.2450, 82.0590,
60.2270

 145.6320, 22.1880,
16.3960

 156.7510, 14.3030,
10.6150

 168.5710, 5.8220,
4.6220

■ 180.2770, -2.3380,
-1.6820

■ 191.9830,
-10.4980, -7.9860

■ 203.2160,
-18.7040, -13.4560

Harmonies

Analogous

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



104.6980, 22.9630, 40.9070



99.1670, 55.1950, 40.4670



97.7870, 67.3480, 23.9560

Triad

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



99.1670, 55.1950, 40.4670



91.8150, 15.1370, -37.5590



89.3300, -88.9460, -6.9780

Complementary

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



99.1670, 55.1950, 40.4670



135.8330, -55.1950, -40.4670

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.



87.9160, -79.4530, -19.3330



99.1670, 55.1950, 40.4670



76.0090, -50.0590, -45.4430

Square

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



99.1670, 55.1950, 40.4670



96.0750, 47.0000, -25.8000



82.9000, -65.3290, -33.0170



85.6430, -90.9650, 2.0830

Rectangle

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



99.1670, 55.1950, 40.4670



98.5780, 65.8380, 7.2620



82.9000, -65.3290, -33.0170



89.4780, -86.6070, -10.8230

Sweetspot

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



99.1670, 55.1950, 40.4670



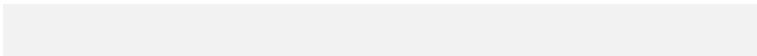
199.9200, 21.3170, 15.6610



92.1970, 2.9250, 51.6370



96.7400, 12.8360, 9.6680



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.



99.1670, 55.1950, 40.4670



108.2780, 86.4600, 63.0680



99.4510, 68.1740, 19.9980



83.1470, 4.0800, 3.1520



52.9290, 70.9650, 52.0290



9.0280, 11.9650, 8.9330

Inverse Universe

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



99.1670, 55.1950, 40.4670



108.2780, 86.4600, 63.0680



135.5490, -68.1740, -19.9980



83.1470, 4.0800, 3.1520



52.9290, 70.9650, 52.0290



9.0280, 11.9650, 8.9330

Previews

White Background



This preview shows how the YIQ color 99.1670, 55.1950, 40.4670 looks on a white background.

Color Contrast Check

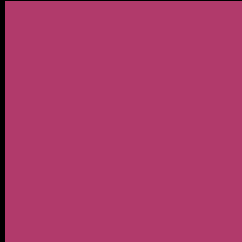
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.1670, 55.1950, 40.4670 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 99.1670, 55.1950, 40.4670

Background



This preview shows how black text looks on a background with the YIQ color 99.1670, 55.1950, 40.4670.



This preview shows how white text looks on a background with the YIQ color 99.1670, 55.1950,

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

99.1670, 55.1950, 40.4670

Protanopia

103.6690, -14.7650, 8.7790

Deuteranopia

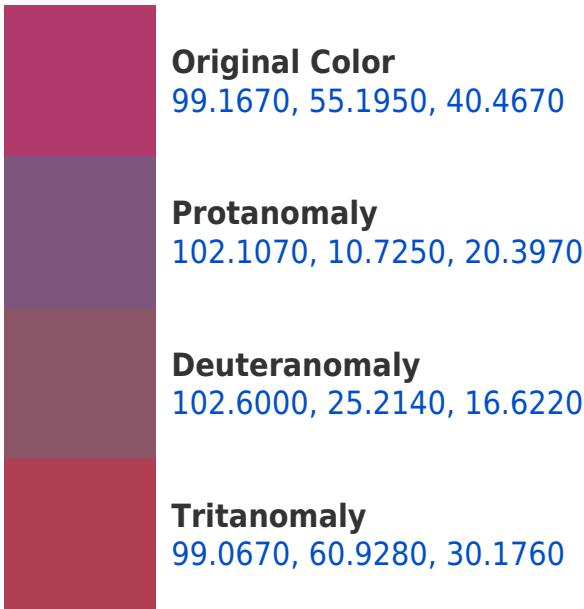
104.3000, 8.0230, 3.2790



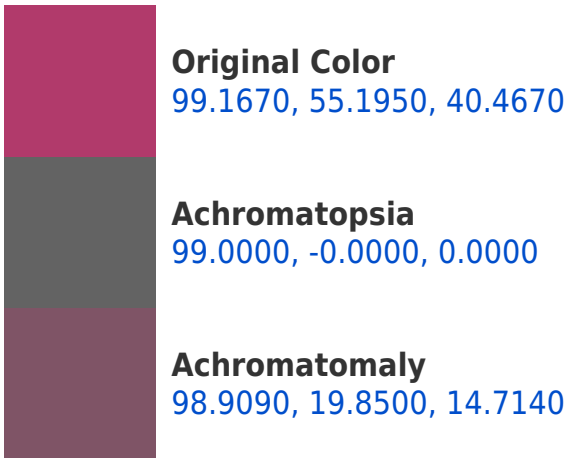
Tritanopia

99.0470, 63.6800, 24.3520

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.1670, 55.1950, 40.4670 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(177, 58, 107)` looks like.

```
.text, #text, p{  
    color:rgb(177, 58, 107)  
}
```

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(177, 58, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 58, 107) }
```

Border

The CSS property to change the border of an element to YIQ 99.1670, 55.1950, 40.4670 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(177, 58, 107) }
```


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

```
.border{ border-color:rgb(177, 58, 107) }
```

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

Here you see how a box with a 4 pixel rgb(177, 58, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 58, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 58, 107);  
box-shadow:4px 4px 4px 4px rgb(177, 58,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 99.1670, 55.1950, 40.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 58, 107) }
```

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

```
.background{ background-color: rgb(177, 58,  
107) }
```

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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