

# Converting Colors

YIQ(99.2140, 55.8400, 23.2640)

Have a look what the booklet for  
YIQ(99.2140, 55.8400, 23.2640)  
contains.

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# Color

**YIQ(99.2140, 55.8400,  
23.2640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7454D
RGB	167, 69, 77
RGB Percent	65%, 27%, 30%
CMY	0.3449, 0.7296, 0.6978
CMYK	0.00, 0.59, 0.54, 0.34
HSL	355°, 42%, 46%
HSV	355°, 59%, 66%
XYZ	19.4163, 13.0099, 8.5192
YIQ	99.2140, 55.8400, 23.2640

# Conversions

## Conversions Part 2

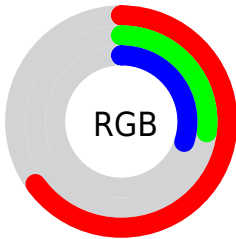
Format	Color
<b>RYB</b>	167, 69, 77
Decimal	10962253
CIELab	42.78, 41.12, 15.80
CIElCh	43, 44.050, 21.020
Yxy	13.0099, 0.4742, 0.3177
Android (android.graphics.Color)	4289152333 (0xFFA7454D)
YUV	99.2140, -10.9515, 59.4483
Hunter-Lab	36.0692, 32.9665, 11.2448

# Details

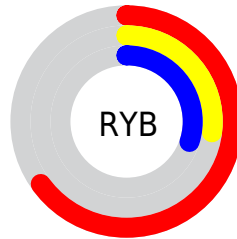
The YIQ color **99.2140, 55.8400, 23.2640** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **136.7860, -55.8400, -23.2640**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9650, 60.9750, 23.8150**, and **44.8700, 51.1170, 26.2610** is the 20% darker color. If you saturate the color by 10%, you get **87.5250, 65.3300, 27.4900**, and if you desaturate by 10%, it is **110.9030, 46.3500, 19.0380**.

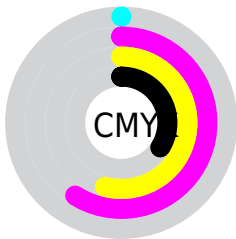
# Distribution



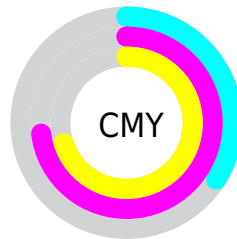
- Red (65%)
- Green (27%)
- Blue (30%)



- Red (65%)
- Yellow (27%)
- Blue (30%)



- Cyan (0%)
- Magenta (59%)
- Yellow (54%)
- Black (34%)




- Cyan (34%)
- Magenta (73%)
- Yellow (70%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 99.2140, 55.8400, 23.2640 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 99.2140, 55.8400, 23.2640 by changing the saturation by 10% instead.





 99.2140, 55.8400,  
23.2640


 99.2140, 55.8400,  
23.2640


255.0000, -0.0000,  
-0.0000


 72.6590, 53.0890,  
23.5610


 152.9650, 60.9750,  
23.8150

 44.8700, 51.1170,  
26.2610


 180.4490, 62.4880,  
23.9280


 25.7720, 45.3410,  
20.8050

 199.2620, 46.7170,  
17.8930

 16.7440, 33.3760,  
11.8720

 218.8900, 30.0290,  
11.9570

 6.5780, 13.1120,  
4.6640

 239.1050, 13.0660,  
5.4980

 0.0000, 0.0000,  
0.0000

■ 99.2140, 55.8400,  
23.2640

■ 99.2140, 55.8400,  
23.2640

■ 87.5250, 65.3300,  
27.4900

■ 110.9030, 46.3500,  
19.0380

■ 76.3090, 74.8660,  
30.8820

■ 122.1190, 36.8140,  
15.6460

■ 64.6200, 84.3560,  
35.1080

■ 133.8080, 27.3240,  
11.4200

■ 52.9310, 93.8460,  
39.3340

■ 145.4970, 17.8340,  
7.1940

■ 51.5290, 95.0380,  
39.7580

■ 156.7130, 8.2980,  
3.8020

■ 168.4020, -1.1920,  
-0.4240

■ 180.0910,  
-10.6820, -4.6500

■ 191.8940,

-20.4930, -8.5650

■ 202.9960,  
-29.7080, -12.2680

# Harmonies

## Analogous

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



101.0510, 40.6620, 34.0220



99.2140, 55.8400, 23.2640



99.0220, 55.6600, 4.4920

# Triad

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



99.2140, 55.8400, 23.2640



87.9100, -18.5630, -32.5390



83.1180, -85.2330, -2.6810

# Complementary

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



99.2140, 55.8400, 23.2640



136.7860, -55.8400, -23.2640

# 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.



85.9900, -82.2970, -11.8410



99.2140, 55.8400, 23.2640



79.2980, -60.6980, -34.3460

# Square

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



99.2140, 55.8400, 23.2640



94.1780, 18.8490, -27.7350



83.6300, -72.8960, -22.5280



100.1360, -31.7770, 19.7350



# Rectangle

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



99.2140, 55.8400, 23.2640



98.2840, 48.5100, -9.1060



83.6300, -72.8960, -22.5280



84.5370, -85.0950, -5.1830

# Sweetspot

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



99.2140, 55.8400, 23.2640



190.0030, 22.2810, 9.2010



107.0820, 22.1820, 49.5580



93.4040, 13.6620, 5.7100



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



99.2140, 55.8400, 23.2640



111.9300, 86.4190, 36.2670



122.3690, 47.1330, -0.6670



78.3920, 4.7680, 1.6960



45.6200, 84.3560, 35.1080



6.2080, 11.2780, 4.8620



# Inverse Universe

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



99.2140, 55.8400, 23.2640



111.9300, 86.4190, 36.2670



113.6310, -47.1330, 0.6670



78.3920, 4.7680, 1.6960



45.6200, 84.3560, 35.1080



6.2080, 11.2780, 4.8620



# Previews

## White Background



This preview shows how the YIQ color 99.2140, 55.8400, 23.2640 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

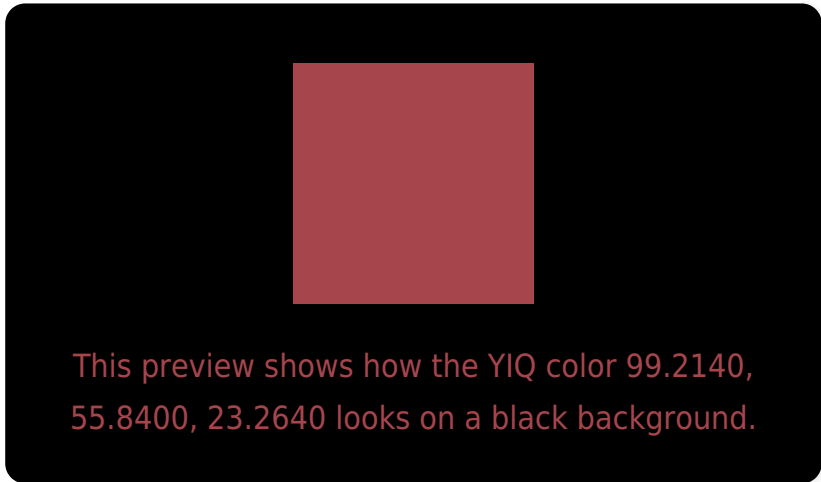
Any Text WCAG AA ✓ Pass

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

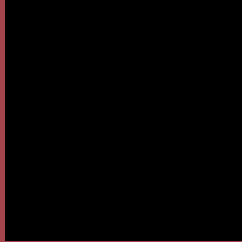
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 99.2140, 55.8400, 23.2640

## Background



This preview shows how black text looks on a background with the YIQ color 99.2140, 55.8400, 23.2640.



This preview shows how white text looks on a background with the YIQ color 99.2140, 55.8400,



# 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

99.2140, 55.8400, 23.2640

### Protanopia

101.4690, 5.8690, -1.7390

### Deuteranopia

101.3260, 22.3290, -2.6870



## Tritanopia

98.8720, 56.8030, 22.3310

# Trichromacy



## Original Color

99.2140, 55.8400, 23.2640

## Protanomaly

100.4330, 23.8860, 7.6460

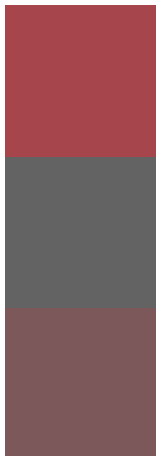
## Deuteranomaly

100.7670, 34.5690, 6.7690

## Tritanomaly

98.9860, 56.4820, 22.6420

# Monochromacy



## Original Color

99.2140, 55.8400, 23.2640

## Achromatopsia

99.0000, -0.0000, 0.0000

## Achromatomaly

99.1060, 20.4930, 8.5650

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 99.2140, 55.8400, 23.2640 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(167, 69, 77)` looks like.

```
.text, #text, p{  
    color:rgb(167, 69, 77)  
}
```

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(167, 69, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 69, 77) }
```

## Border

The CSS property to change the border of an element to YIQ 99.2140, 55.8400, 23.2640 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(167, 69, 77) }
```



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

```
.border{ border-color:rgb(167, 69, 77) }
```

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

Here you see how a box with a 4 pixel rgb(167, 69, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 69, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 69, 77);  
box-shadow:4px 4px 4px 4px rgb(167, 69,  
77) }
```

# Background

The CSS property to change the background color of an element to YIQ 99.2140, 55.8400, 23.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 69, 77) }
```

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

```
.background{ background-color: rgb(167, 69,  
77) }
```

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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