

Converting Colors

YIQ(99.6340, 63.4050, 23.8290)

Have a look what the booklet for
YIQ(99.6340, 63.4050, 23.8290)
contains.

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Color

**YIQ(99.6340, 63.4050,
23.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	AF4346
RGB	175, 67, 70
RGB Percent	69%, 26%, 27%
CMY	0.3135, 0.7374, 0.7252
CMYK	0.00, 0.62, 0.60, 0.31
HSL	358°, 45%, 47%
HSV	358°, 62%, 69%
XYZ	20.8060, 13.5735, 7.3282
YIQ	99.6340, 63.4050, 23.8290

Conversions

Conversions Part 2

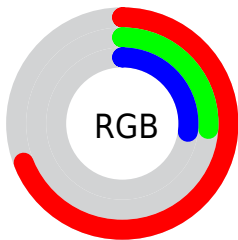
Format	Color
R_{YB}	175, 67, 70
Decimal	11486022
CIE _{Lab}	43.61, 44.38, 21.43
CIE _{LCh}	44, 49.280, 25.778
Yxy	13.5735, 0.4989, 0.3254
Android (android.graphics.Color)	4289676102 (0xFFAF4346)
YUV	99.6340, -14.6096, 66.0960
Hunter-Lab	36.8423, 36.3306, 13.9963

Details

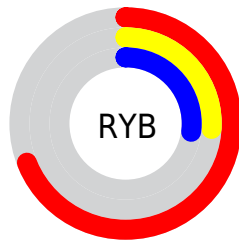
The YIQ color **99.6340, 63.4050, 23.8290** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **142.3660, -63.4050, -23.8290**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.1570, 69.1820, 23.7580**, and **42.1700, 59.1400, 29.5400** is the 20% darker color. If you saturate the color by 10%, you get **87.1300, 73.8120, 27.9560**, and if you desaturate by 10%, it is **111.5510, 53.2730, 20.2250**.

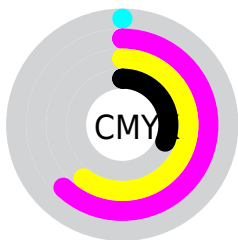
Distribution



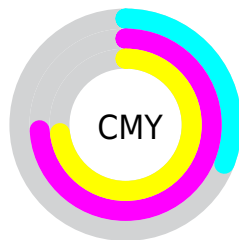
- Red (69%)
- Green (26%)
- Blue (27%)



- Red (69%)
- Yellow (26%)
- Blue (27%)



- Cyan (0%)
- Magenta (62%)
- Yellow (60%)
- Black (31%)



- Cyan (31%)
- Magenta (74%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.6340, 63.4050, 23.8290 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 99.6340, 63.4050, 23.8290 by changing the saturation by 10% instead.

■ 99.6340, 63.4050,
23.8290

■ 99.6340, 63.4050,
23.8290

255.0000, -0.0000,
-0.0000

■ 72.6060, 60.6080,
24.9600

■ 154.1570, 69.1820,
23.7580

■ 41.5830, 59.4150,
30.0630

■ 178.9500, 65.3310,
21.9630

■ 26.7250, 52.7230,
19.1790

■ 197.7630, 49.5600,
15.9280

■ 18.2390, 36.3560,
12.9320

■ 217.3910, 32.8720,
9.9920

■ 9.0840, 17.5590,
6.6710

■ 237.6060, 15.9090,
3.5330

■ 0.0000, 0.0000,
0.0000

254.8860, 0.3210,

-0.3110

■ 99.6340, 63.4050,
23.8290

■ 99.6340, 63.4050,
23.8290

■ 87.1300, 73.8120,
27.9560

■ 111.5510, 53.2730,
20.2250

■ 75.2130, 83.9440,
31.5600

■ 124.0550, 42.8660,
16.0980

■ 62.7090, 94.3510,
35.6870

■ 135.9720, 32.7340,
12.4940

■ 52.8950, 102.6950,
38.6550

■ 148.4760, 22.3270,
8.3670

■ 160.3930, 12.1950,
4.7630

■ 172.8970, 1.7880,
0.6360

■ 185.4010, -8.6190,
-3.4910

■ 197.3180,
-18.7510, -7.0950

■ 209.8220,
-29.1580, -11.2220

Harmonies

Analogous

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



101.3620, 50.1520, 38.2480



99.6340, 63.4050, 23.8290



99.9530, 60.1080, 0.9720

Triad

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



99.6340, 63.4050, 23.8290



83.7940, -33.0960, -38.9840



85.6600, -89.6350, 0.0050

Complementary

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



99.6340, 63.4050, 23.8290



142.3660, -63.4050, -23.8290

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.



88.6460, -87.0200, -8.8440



99.6340, 63.4050, 23.8290



82.5580, -64.3660, -33.9500

Square

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



99.6340, 63.4050, 23.8290



93.9340, 16.4200, -33.2760



87.2320, -77.5270, -21.1990



103.4510, -28.1100, 24.8660

Rectangle

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



99.6340, 63.4050, 23.8290



98.3350, 52.5000, -15.3400



87.2320, -77.5270, -21.1990



87.0790, -89.4970, -2.4970

Sweetspot

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



99.6340, 63.4050, 23.8290



196.9710, 25.3070, 9.4270



110.4080, 27.3160, 55.6360



96.1870, 15.7710, 6.0350



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.



99.6340, 63.4050, 23.8290



109.8020, 98.5230, 37.1710



128.6420, 50.6180, -3.2540



80.6910, 5.3640, 1.9080



45.3060, 88.1160, 33.0440



6.9910, 13.3870, 5.1870

Inverse Universe

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



99.6340, 63.4050, 23.8290



109.8020, 98.5230, 37.1710



113.3580, -50.6180, 3.2540



80.6910, 5.3640, 1.9080



45.3060, 88.1160, 33.0440



6.9910, 13.3870, 5.1870

Previews

White Background



This preview shows how the YIQ color 99.6340, 63.4050, 23.8290 looks on a white background.

Color Contrast Check

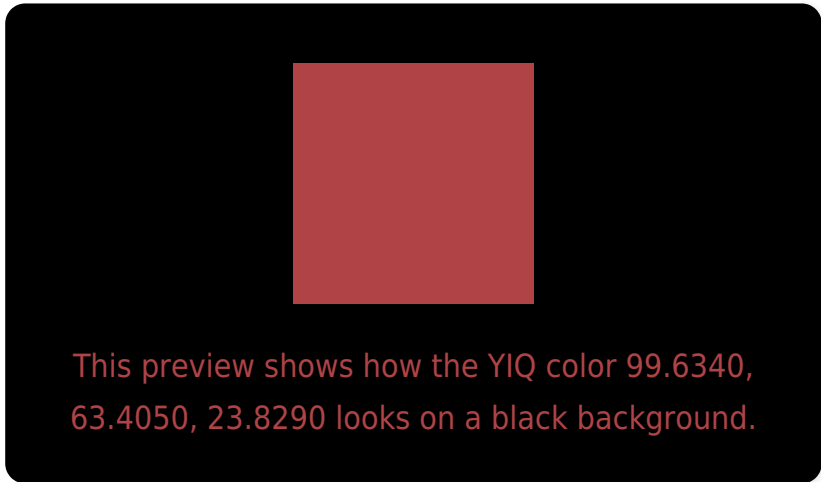
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.6340, 63.4050, 23.8290

Background



This preview shows how black text looks on a background with the YIQ color 99.6340, 63.4050, 23.8290.



This preview shows how white text looks on a background with the YIQ color 99.6340, 63.4050,

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

99.6340, 63.4050, 23.8290

Protanopia

103.7420, 9.3540, -4.3260

Deuteranopia

102.8980, 26.4100, -5.0620



Tritanopia

99.7480, 63.0840, 24.1400

Trichromacy



Original Color

99.6340, 63.4050, 23.8290

Protanomaly

102.6030, 29.1590, 5.6950

Deuteranomaly

101.4640, 39.7960, 5.6520

Tritanomaly

99.7480, 63.0840, 24.1400

Monochromacy



Original Color

99.6340, 63.4050, 23.8290

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.7750, 22.9230, 8.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.6340, 63.4050, 23.8290 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(175, 67, 70)` looks like.

```
.text, #text, p{  
    color:rgb(175, 67, 70)  
}
```

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(175, 67, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 67, 70) }
```

Border

The CSS property to change the border of an element to YIQ 99.6340, 63.4050, 23.8290 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(175, 67, 70) }
```


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

```
.border{ border-color:rgb(175, 67, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 67, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 67, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 67, 70);  
box-shadow:4px 4px 4px 4px rgb(175, 67,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 99.6340, 63.4050, 23.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 67, 70) }
```

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

```
.background{ background-color: rgb(175, 67,  
70) }
```

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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