

Converting Colors

YIQ(103.6130, 50.7030, 33.7670)

Have a look what the booklet for
YIQ(103.6130, 50.7030, 33.7670)
contains.

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Color

**YIQ(103.6130, 50.7030,
33.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4469
RGB	173, 68, 105
RGB Percent	68%, 27%, 41%
CMY	0.3213, 0.7335, 0.5881
CMYK	0.00, 0.61, 0.39, 0.32
HSL	339°, 44%, 47%
HSV	339°, 61%, 68%
XYZ	21.8655, 14.0419, 14.9344
YIQ	103.6130, 50.7030, 33.7670

Conversions

Conversions Part 2

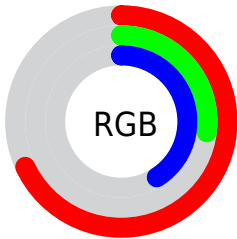
Format	Color
R_{YB}	173, 68, 105
Decimal	11355241
CIE _{Lab}	44.29, 46.48, 0.81
CIE _{LCh}	44, 46.492, 0.999
Yxy	14.0419, 0.4301, 0.2762
Android (android.graphics.Color)	4289545321 (0xFFAD4469)
YUV	103.6130, 0.6838, 60.8524
Hunter-Lab	37.4725, 38.5791, 2.6012

Details

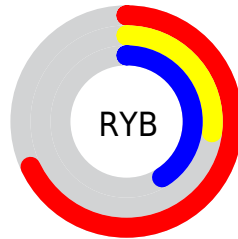
The YIQ color **103.6130, 50.7030, 33.7670** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **137.3870, -50.7030, -33.7670**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.1790, 54.9210, 34.4170**, and **45.1170, 49.4640, 39.7040** is the 20% darker color. If you saturate the color by 10%, you get **92.3800, 58.9090, 39.2370**, and if you desaturate by 10%, it is **114.8460, 42.4970, 28.2970**.

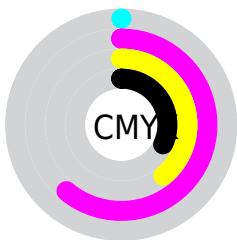
Distribution



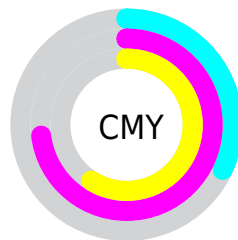
- Red (68%)
- Green (27%)
- Blue (41%)



- Red (68%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (61%)
- Yellow (39%)
- Black (32%)





- Cyan (32%)
- Magenta (73%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.6130, 50.7030, 33.7670 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 103.6130, 50.7030, 33.7670 by changing the saturation by 10% instead.


 103.6130, 50.7030,
33.7670


 103.6130, 50.7030,
33.7670


255.0000, -0.0000,
-0.0000


 76.6560, 49.1440,
34.4880


 158.1790, 54.9210,
34.4170


 45.1170, 49.4640,
39.7040


 183.9830, 52.5370,
33.5690


 30.8290, 41.1670,
30.3750

 203.6110, 35.8490,
27.6330

 20.5470, 32.7330,
18.0210

 223.2390, 19.1610,
21.6970

 10.8780, 21.1350,
7.9430

 242.0860, 6.0500,
11.5060

 0.0000, 0.0000,
0.0000

■ 103.6130, 50.7030,
33.7670

■ 103.6130, 50.7030,
33.7670

■ 92.3800, 58.9090,
39.2370

■ 114.8460, 42.4970,
28.2970

■ 80.5600, 67.3900,
45.2300

■ 126.6660, 34.0160,
22.3040

■ 69.2130, 75.9170,
50.3890

■ 138.0130, 25.4890,
17.1450

■ 58.6810, 83.5270,
55.6470

■ 149.2460, 17.2830,
11.6750


■ 160.4790, 9.0770,
6.2050

■ 172.2990, 0.5960,
0.2120

■ 183.5320, -7.6100,
-5.2580

■ 194.8790,

-16.1370, -10.4170

 206.6990,
-24.6180, -16.4100

Harmonies

Analogous

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



106.9490, 23.5140, 36.4260



103.6130, 50.7030, 33.7670



102.5040, 60.6550, 18.5990

Triad

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



103.6130, 50.7030, 33.7670



95.9810, 9.0380, -31.6500



88.8740, -87.6620, -8.2220

Complementary

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



103.6130, 50.7030, 33.7670



137.3870, -50.7030, -33.7670

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.



88.6170, -80.0490, -19.5450



103.6130, 50.7030, 33.7670



83.8300, -41.9450, -38.3050

Square

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



103.6130, 50.7030, 33.7670



99.2900, 39.2050, -22.1950



84.1710, -67.5300, -31.6740



84.7310, -88.3970, -0.4050

Rectangle

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



103.6130, 50.7030, 33.7670



101.9900, 58.6860, 4.7180



84.1710, -67.5300, -31.6740



89.1360, -85.6440, -11.7560

Sweetspot

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



103.6130, 50.7030, 33.7670



197.5560, 19.3460, 12.8340



100.0030, 6.2270, 46.8590



96.0880, 11.7360, 7.5760



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



103.6130, 50.7030, 33.7670



116.2350, 78.8510, 52.2830



107.6130, 58.7300, 14.9380



81.0330, 4.4010, 2.8410



50.8920, 72.3870, 48.2830



7.7890, 11.1400, 7.3640

Inverse Universe

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



103.6130, 50.7030, 33.7670



116.2350, 78.8510, 52.2830



133.3870, -58.7300, -14.9380



81.0330, 4.4010, 2.8410



50.8920, 72.3870, 48.2830



7.7890, 11.1400, 7.3640

Previews

White Background



This preview shows how the YIQ color 103.6130, 50.7030, 33.7670 looks on a white background.

Color Contrast Check

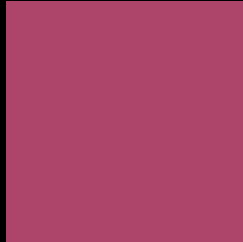
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.6130, 50.7030, 33.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

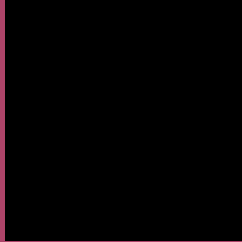
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.6130, 50.7030, 33.7670

Background



This preview shows how black text looks on a background with the YIQ color 103.6130, 50.7030, 33.7670.



This preview shows how white text looks on a background with the YIQ color 103.6130, 50.7030,

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

103.6130, 50.7030, 33.7670

Protanopia

105.7250, -9.1710, 6.5170

Deuteranopia

106.5560, 10.1780, 2.7700



Tritanopia

102.8720, 56.8030, 22.3310

Trichromacy



Original Color

103.6130, 50.7030, 33.7670

Protanomaly

104.9560, 12.4680, 16.3400

Deuteranomaly

105.7200, 24.7560, 13.9080

Tritanomaly

103.1370, 54.7390, 26.6990

Monochromacy



Original Color

103.6130, 50.7030, 33.7670

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.8440, 18.4750, 12.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.6130, 50.7030, 33.7670 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(173, 68, 105)` looks like.

```
.text, #text, p{  
    color:rgb(173, 68, 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(173, 68, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 68, 105) }
```

Border

The CSS property to change the border of an element to YIQ 103.6130, 50.7030, 33.7670 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(173, 68, 105) }
```


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

```
.border{ border-color:rgb(173, 68, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 68, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 68, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 68, 105);  
box-shadow:4px 4px 4px 4px rgb(173, 68,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 103.6130, 50.7030, 33.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 68, 105) }
```

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

```
.background{ background-color: rgb(173, 68,  
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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