

Converting Colors

YIQ(100.9170, 52.9030, 37.9510)

Have a look what the booklet for
YIQ(100.9170, 52.9030, 37.9510)
contains.

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Color

**YIQ(100.9170, 52.9030,
37.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	AF3E6B
RGB	175, 62, 107
RGB Percent	69%, 24%, 42%
CMY	0.3134, 0.7570, 0.5802
CMYK	0.00, 0.65, 0.39, 0.31
HSL	336°, 48%, 46%
HSV	336°, 65%, 69%
XYZ	22.0724, 13.6253, 15.3888
YIQ	100.9170, 52.9030, 37.9510

Conversions

Conversions Part 2

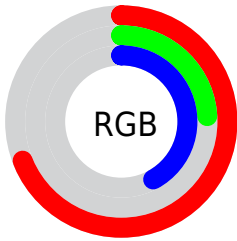
Format	Color
R_{YB}	175, 62, 107
Decimal	11484779
CIE Lab	43.69, 50.04, -1.26
CIE LCh	44, 50.060, 358.554
Yxy	13.6253, 0.4321, 0.2667
Android (android.graphics.Color)	4289674859 (0xFFAF3E6B)
YUV	100.9170, 2.9989, 64.9708
Hunter-Lab	36.9125, 42.1403, 1.1207

Details

The YIQ color **100.9170, 52.9030, 37.9510** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **136.0830, -52.9030, -37.9510**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0700, 56.8460, 38.0780**, and **42.1220, 51.0680, 43.6760** is the 20% darker color. If you saturate the color by 10%, you get **89.2110, 61.0630, 44.2550**, and if you desaturate by 10%, it is **112.1500, 44.6970, 32.4810**.

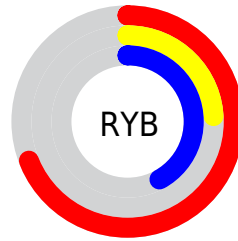
Distribution



Red (69%)

Green (24%)

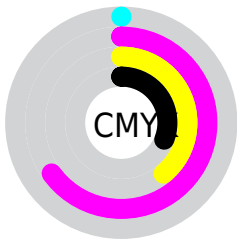
Blue (42%)



Red (69%)

Yellow (24%)

Blue (42%)

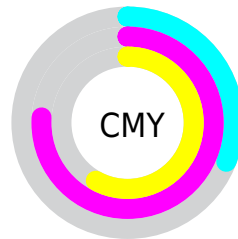


Cyan (0%)

Magenta (65%)

Yellow (39%)

Black (31%)



Cyan (31%)


Magenta (76%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 100.9170, 52.9030, 37.9510 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 100.9170, 52.9030, 37.9510 by changing the saturation by 10% instead.


 100.9170, 52.9030,
37.9510


 100.9170, 52.9030,
37.9510


255.0000, -0.0000,
-0.0000


 72.4870, 51.2980,
39.5060


 156.0700, 56.8460,
38.0780


 42.1220, 51.0680,
43.6760


 181.2760, 53.2700,
36.8060


 31.5410, 42.0380,
31.1100

 200.9040, 36.5820,
30.8700

 21.1880, 32.3660,
19.1660

 220.5320, 19.8940,
24.9340

 11.1770, 21.7310,
8.1550

 239.1510, 7.4250,
14.1210

 0.0000, 0.0000,
0.0000

■ 100.9170, 52.9030,
37.9510

■ 100.9170, 52.9030,
37.9510

■ 89.2110, 61.0630,
44.2550

■ 112.1500, 44.6970,
32.4810

■ 77.9780, 69.2690,
49.7250

■ 123.8560, 36.5370,
26.1770

■ 66.1580, 77.7500,
55.7180

■ 135.0890, 28.3310,
20.7070

■ 60.3050, 81.8300,
58.8700

■ 146.7950, 20.1710,
14.4030


■ 158.0280, 11.9650,
8.9330

■ 169.7340, 3.8050,
2.6290

■ 181.5540, -4.6760,
-3.3640

■ 192.6730,

-12.5610, -9.1450

 204.4930,
-21.0420, -15.1380

Harmonies

Analogous

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



105.3450, 22.4590, 39.0270



100.9170, 52.9030, 37.9510



99.1780, 64.6890, 22.5850

Triad

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



100.9170, 52.9030, 37.9510



93.4390, 13.4400, -34.3360



89.1020, -88.3040, -7.6000

Complementary

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



100.9170, 52.9030, 37.9510



136.0830, -52.9030, -37.9510

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.



87.8020, -79.1320, -19.6440



100.9170, 52.9030, 37.9510



79.6400, -44.4660, -42.1780

Square

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



100.9170, 52.9030, 37.9510



97.0040, 45.7620, -25.3900



83.0140, -65.6500, -32.7060



85.3010, -90.0020, 1.1500

Rectangle

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



100.9170, 52.9030, 37.9510



99.9090, 63.4080, 7.2480



83.0140, -65.6500, -32.7060



89.2500, -85.9650, -11.4450

Sweetspot

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



100.9170, 52.9030, 37.9510



198.7950, 20.1710, 14.4030



95.2140, 4.2550, 49.5590



97.3270, 12.5610, 9.1450



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.



100.9170, 52.9030, 37.9510



110.9030, 83.0220, 59.2940



102.2440, 64.3230, 18.2030



81.0330, 4.4010, 2.8410



51.6900, 70.1400, 50.4600



7.9030, 10.8190, 7.6750

Inverse Universe

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



100.9170, 52.9030, 37.9510



110.9030, 83.0220, 59.2940



134.7560, -64.3230, -18.2030



81.0330, 4.4010, 2.8410



51.6900, 70.1400, 50.4600



7.9030, 10.8190, 7.6750

Previews

White Background



This preview shows how the YIQ color 100.9170, 52.9030, 37.9510 looks on a white background.

Color Contrast Check

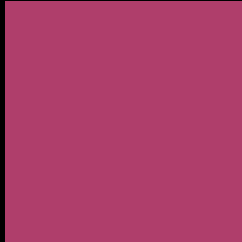
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.9170, 52.9030, 37.9510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

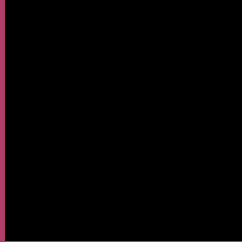
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.9170, 52.9030, 37.9510

Background



This preview shows how black text looks on a background with the YIQ color 100.9170, 52.9030, 37.9510.



This preview shows how white text looks on a background with the YIQ color 100.9170, 52.9030,

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

100.9170, 52.9030, 37.9510

Protanopia

104.3270, -13.8020, 7.8460

Deuteranopia

105.1860, 8.3440, 2.9680



Tritanopia

100.6660, 60.3790, 23.6030

Trichromacy



Original Color

100.9170, 52.9030, 37.9510

Protanomaly

103.1670, 10.4960, 19.0400

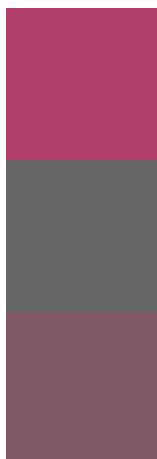
Deuteranomaly

103.7740, 24.6640, 15.5760

Tritanomaly

100.5720, 57.9480, 29.1160

Monochromacy



Original Color

100.9170, 52.9030, 37.9510

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.0830, 19.3000, 13.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.9170, 52.9030, 37.9510 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, 62, 107)` looks like.

```
.text, #text, p{  
    color:rgb(175, 62, 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(175, 62, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 62, 107) }
```

Border

The CSS property to change the border of an element to YIQ 100.9170, 52.9030, 37.9510 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, 62, 107) }
```


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

```
.border{ border-color:rgb(175, 62, 107) }
```

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

Here you see how a box with a 4 pixel rgb(175, 62, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 62, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 62, 107);  
box-shadow:4px 4px 4px 4px rgb(175, 62,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 100.9170, 52.9030, 37.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 62, 107) }
```

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

```
.background{ background-color: rgb(175, 62,  
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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