

Converting Colors

YIQ(106.9950, 61.4310, 37.5830)

Have a look what the booklet for
YIQ(106.9950, 61.4310, 37.5830)
contains.

YIQ(106.9950, 61.4310, 37.5830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(106.9950, 61.4310,
37.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4267
RGB	189, 66, 103
RGB Percent	74%, 26%, 40%
CMY	0.2585, 0.7413, 0.5959
CMYK	0.00, 0.65, 0.45, 0.26
HSL	342°, 48%, 50%
HSV	342°, 65%, 74%
XYZ	25.4024, 15.6999, 14.5379
YIQ	106.9950, 61.4310, 37.5830

Conversions

Conversions Part 2

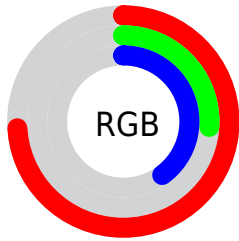
Format	Color
R _Y B	189, 66, 103
Decimal	12403303
CIE Lab	46.58, 52.33, 5.67
CIE LCh	47, 52.641, 6.185
Yxy	15.6999, 0.4565, 0.2822
Android (android.graphics.Color)	4290593383 (0xFFBD4267)
YUV	106.9950, -1.9695, 71.9184
Hunter-Lab	39.6231, 45.0960, 5.9823

Details

The YIQ color **106.9950, 61.4310, 37.5830** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **148.0050, -61.4310, -37.5830**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0340, 65.6950, 37.3990**, and **45.5530, 60.1000, 45.1880** is the 20% darker color. If you saturate the color by 10%, you get **94.3600, 70.8290, 43.4770**, and if you desaturate by 10%, it is **119.6300, 52.0330, 31.6890**.

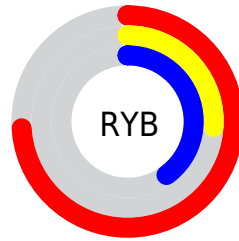
Distribution



Red (74%)

Green (26%)

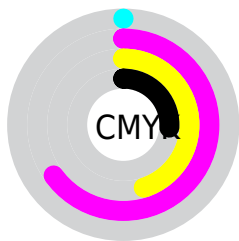
Blue (40%)



Red (74%)

Yellow (26%)

Blue (40%)

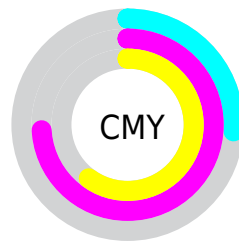


Cyan (0%)

Magenta (65%)

Yellow (45%)

Black (26%)



Cyan (26%)


Magenta (74%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.9950, 61.4310, 37.5830 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 106.9950, 61.4310, 37.5830 by changing the saturation by 10% instead.


 106.9950, 61.4310,
37.5830


 106.9950, 61.4310,
37.5830


255.0000, -0.0000,
-0.0000


 78.5650, 59.8260,
39.1380


 163.0340, 65.6950,
37.3990


 45.5530, 60.1000,
45.1880


 183.7550, 53.1790,
32.9470

 34.4880, 49.5570,
32.5090

 203.2690, 36.8120,
26.7000

 23.9070, 40.5270,
19.9430

 223.4840, 19.8490,
20.2410

 14.5800, 27.9660,
10.7980

 242.6730, 5.7750,
10.9830

 0.0000, 0.0000,
0.0000

■ 106.9950, 61.4310,
37.5830

■ 106.9950, 61.4310,
37.5830

■ 94.3600, 70.8290,
43.4770

■ 119.6300, 52.0330,
31.6890

■ 81.7250, 80.2270,
49.3710

■ 132.2650, 42.6350,
25.7950

■ 68.9760, 89.9460,
54.9540

■ 145.0140, 32.9160,
20.2120

■ 63.0090, 94.3470,
57.7950

■ 157.6490, 23.5180,
14.3180


■ 169.6970, 14.3950,
8.9470

■ 182.3320, 4.9970,
3.0530

■ 195.0810, -4.7220,
-2.5300

■ 207.7160,

-14.1200, -8.4240

 220.3510,
-23.5180, -14.3180

Harmonies

Analogous

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



111.6130, 33.5080, 42.5320



106.9950, 61.4310, 37.5830



106.5820, 69.1830, 18.2310

Triad

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



106.9950, 61.4310, 37.5830



98.1710, 2.3910, -37.8410



94.5620, -95.4110, -5.4510

Complementary

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



106.9950, 61.4310, 37.5830



148.0050, -61.4310, -37.5830

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.



94.7780, -87.7520, -17.6080



106.9950, 61.4310, 37.5830



84.0450, -58.9080, -44.7640

Square

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



106.9950, 61.4310, 37.5830



102.3470, 43.0580, -31.4540



90.4630, -74.2240, -31.5040



89.0170, -94.9540, 2.7900

Rectangle

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



106.9950, 61.4310, 37.5830



107.1770, 65.2890, 0.6890



90.4630, -74.2240, -31.5040



95.4110, -93.6680, -9.5080

Sweetspot

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



106.9950, 61.4310, 37.5830



212.3610, 24.3890, 15.0530



105.1380, 10.5810, 56.0610



102.6970, 14.3950, 8.9470



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



106.9950, 61.4310, 37.5830



117.6070, 95.5390, 58.2190



116.2780, 66.9830, 14.0470



88.0330, 4.4010, 2.8410



52.7140, 78.7600, 48.4240



10.2950, 15.5870, 9.3710

Inverse Universe

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



106.9950, 61.4310, 37.5830



117.6070, 95.5390, 58.2190



139.3090, -67.2580, -14.5700



88.0330, 4.4010, 2.8410



52.7140, 78.7600, 48.4240



10.2950, 15.5870, 9.3710

Previews

White Background



This preview shows how the YIQ color 106.9950, 61.4310, 37.5830 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 106.9950, 61.4310, 37.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

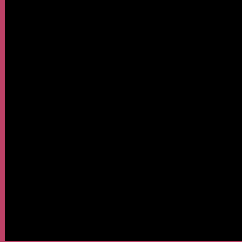
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.9950, 61.4310, 37.5830

Background



This preview shows how black text looks on a background with the YIQ color 106.9950, 61.4310, 37.5830.



This preview shows how white text looks on a background with the YIQ color 106.9950, 61.4310,

37.5830.

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

106.9950, 61.4310, 37.5830

Protanopia

111.4540, -6.9700, 5.1740

Deuteranopia

111.8400, 15.1300, 1.1300



Tritanopia

106.8410, 67.2560, 25.6240

Trichromacy



Original Color

106.9950, 61.4310, 37.5830

Protanomaly

109.7070, 17.6030, 16.8910

Deuteranomaly

110.1400, 32.3210, 14.4730

Tritanomaly

107.1060, 65.1920, 29.9920

Monochromacy



Original Color

106.9950, 61.4310, 37.5830

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.0510, 22.3260, 13.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.9950, 61.4310, 37.5830 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(189, 66, 103)` looks like.

```
.text, #text, p{  
    color:rgb(189, 66, 103)  
}
```

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(189, 66, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 66, 103) }
```

Border

The CSS property to change the border of an element to YIQ 106.9950, 61.4310, 37.5830 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(189, 66, 103) }
```


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

```
.border{ border-color:rgb(189, 66, 103) }
```

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

Here you see how a box with a 4 pixel rgb(189, 66, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 66, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 66, 103);  
box-shadow:4px 4px 4px 4px rgb(189, 66,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 106.9950, 61.4310, 37.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 66, 103) }
```

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

```
.background{ background-color: rgb(189, 66,  
103) }
```

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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