

Converting Colors

YIQ(129.7090, 41.6250, 33.0890)

Have a look what the booklet for
YIQ(129.7090, 41.6250, 33.0890)
contains.

YIQ(129.7090, 41.6250, 33.0890)	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(129.7090, 41.6250,
33.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	BE618C
RGB	190, 97, 140
RGB Percent	75%, 38%, 55%
CMY	0.2547, 0.6197, 0.4508
CMYK	0.00, 0.49, 0.26, 0.25
HSL	332°, 42%, 56%
HSV	332°, 49%, 75%
XYZ	30.2582, 21.3919, 27.3582
YIQ	129.7090, 41.6250, 33.0890

Conversions

Conversions Part 2

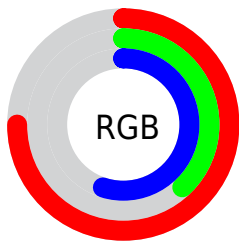
Format	Color
R_{YB}	190, 97, 140
Decimal	12476812
CIE _{Lab}	53.38, 42.37, -6.59
CIE _{LCh}	53, 42.882, 351.159
Yxy	21.3919, 0.3830, 0.2708
Android (android.graphics.Color)	4290666892 (0xFFBE618C)
YUV	129.7090, 5.0735, 52.8752
Hunter-Lab	46.2514, 35.8368, -2.6947

Details

The YIQ color **129.7090, 41.6250, 33.0890** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **157.2910, -41.6250, -33.0890**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.3180, 44.2840, 34.4600**, and **76.7410, 38.5990, 32.8630** is the 20% darker color. If you saturate the color by 10%, you get **117.4160, 50.0600, 39.9160**, and if you desaturate by 10%, it is **142.0020, 33.1900, 26.2620**.

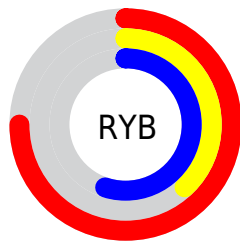
Distribution



Red (75%)

Green (38%)

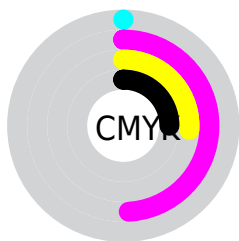
Blue (55%)



Red (75%)

Yellow (38%)

Blue (55%)

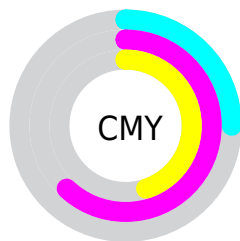


Cyan (0%)

Magenta (49%)

Yellow (26%)

Black (25%)



Cyan (25%)

Magenta (62%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.7090, 41.6250, 33.0890 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 129.7090, 41.6250, 33.0890 by changing the saturation by 10% instead.


 129.7090, 41.6250,
33.0890


 129.7090, 41.6250,
33.0890


255.0000, -0.0000,
-0.0000


 103.2250, 40.1120,
32.9760


 184.3180, 44.2840,
34.4600

 76.7410, 38.5990,
32.8630


 205.9250, 32.0890,
29.6970


 49.6100, 37.5900,
34.6300

 225.6670, 15.0800,
24.0720

 28.9360, 33.5560,
30.6440

 242.6730, 5.7750,
10.9830

 19.4800, 25.6720,
19.3360

 8.1870, 15.7710,
6.0350

 0.0000, 0.0000,

0.0000

■ 129.7090, 41.6250,
33.0890

■ 129.7090, 41.6250,
33.0890

■ 117.4160, 50.0600,
39.9160

■ 142.0020, 33.1900,
26.2620

■ 105.1230, 58.4950,
46.7430

■ 154.2950, 24.7550,
19.4350

■ 92.7160, 67.2510,
53.2590

■ 166.7020, 15.9990,
12.9190

■ 80.4230, 75.6860,
60.0860

■ 178.9950, 7.5640,
6.0920

■ 68.1300, 84.1210,
66.9130

■ 191.2880, -0.8710,
-0.7350

■ 66.8420, 84.9920,
67.6480

■ 203.5810, -9.3060,
-7.5620

■ 215.9880,
-18.0620, -14.0780

■ 228.2810,
-26.4970, -20.9050

■ 232.9430,
-31.3570, -20.9330

Harmonies

Analogous

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



131.0830, 11.2730, 32.4970



129.7090, 41.6250, 33.0890



127.2850, 57.0780, 22.8540

Triad

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



129.7090, 41.6250, 33.0890



121.1180, 19.0780, -26.3780



104.9170, -98.3890, -17.5650

Complementary

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



129.7090, 41.6250, 33.0890



157.2910, -41.6250, -33.0890

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.



103.1440, -89.2630, -28.7750



129.7090, 41.6250, 33.0890



115.3940, -17.0500, -32.4260

Square

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



129.7090, 41.6250, 33.0890



124.7840, 43.9260, -14.1380



98.2250, -76.7900, -40.0700



102.0450, -101.3250, -8.4050

Rectangle

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



129.7090, 41.6250, 33.0890



127.0920, 58.6390, 11.0790



98.2250, -76.7900, -40.0700



104.4780, -95.7750, -20.8870

Sweetspot

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



129.7090, 41.6250, 33.0890



223.0010, 16.5950, 13.1310



122.5520, -0.0530, 39.5230



110.1310, 10.1770, 8.2970



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



129.7090, 41.6250, 33.0890



152.4060, 65.1880, 52.1000



126.5680, 54.6030, 18.1470



88.1470, 4.0800, 3.1520



55.5640, 70.7350, 56.1990



10.8650, 13.9820, 10.9260

Inverse Universe

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



129.7090, 41.6250, 33.0890



152.4060, 65.1880, 52.1000



160.4320, -54.6030, -18.1470



88.1470, 4.0800, 3.1520



55.5640, 70.7350, 56.1990



10.8650, 13.9820, 10.9260

Previews

White Background



This preview shows how the YIQ color 129.7090, 41.6250, 33.0890 looks on a white background.

Color Contrast Check

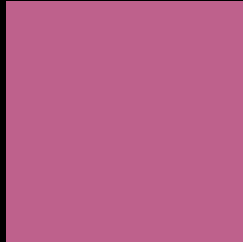
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 129.7090, 41.6250, 33.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

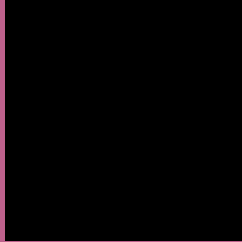
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.7090, 41.6250, 33.0890

Background



This preview shows how black text looks on a background with the YIQ color 129.7090, 41.6250, 33.0890.



This preview shows how white text looks on a background with the YIQ color 129.7090, 41.6250,

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

129.7090, 41.6250, 33.0890

Protanopia

128.6690, -14.7650, 8.7790

Deuteranopia

129.1410, 4.2170, 6.1770



Tritanopia

128.9140, 47.8170, 19.9850

Trichromacy



Original Color

129.7090, 41.6250, 33.0890

Protanomaly

128.8890, 5.4070, 17.6550

Deuteranomaly

129.1800, 17.6490, 16.0570

Tritanomaly

129.2930, 45.4320, 24.6640

Monochromacy



Original Color

129.7090, 41.6250, 33.0890

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.9900, 15.1280, 12.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.7090, 41.6250, 33.0890 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(190, 97, 140)` looks like.

```
.text, #text, p{  
    color:rgb(190, 97, 140)  
}
```

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(190, 97, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 97, 140) }
```

Border

The CSS property to change the border of an element to YIQ 129.7090, 41.6250, 33.0890 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(190, 97, 140) }
```


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

```
.border{ border-color:rgb(190, 97, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 97, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 97, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 97, 140);  
box-shadow:4px 4px 4px 4px rgb(190, 97,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 129.7090, 41.6250, 33.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 97, 140) }
```

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

```
.background{ background-color: rgb(190, 97,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor