

Converting Colors

YIQ(126.6700, 37.3610, 33.2730)

Have a look what the booklet for
YIQ(126.6700, 37.3610, 33.2730)
contains.

YIQ(126.6700, 37.3610, 33.2730)	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(126.6700, 37.3610,
33.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	B75F8E
RGB	183, 95, 142
RGB Percent	72%, 37%, 56%
CMY	0.2821, 0.6276, 0.4430
CMYK	0.00, 0.48, 0.22, 0.28
HSL	328°, 38%, 55%
HSV	328°, 48%, 72%
XYZ	28.5164, 20.2064, 27.9997
YIQ	126.6700, 37.3610, 33.2730

Conversions

Conversions Part 2

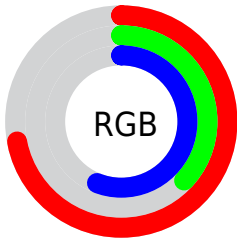
Format	Color
R_{YB}	183, 95, 142
Decimal	12017550
CIE _{Lab}	52.07, 41.32, -9.82
CIE _{LCh}	52, 42.473, 346.631
Yxy	20.2064, 0.3717, 0.2634
Android (android.graphics.Color)	4290207630 (0xFFB75F8E)
YUV	126.6700, 7.5577, 49.4014
Hunter-Lab	44.9515, 34.5721, -5.4649

Details

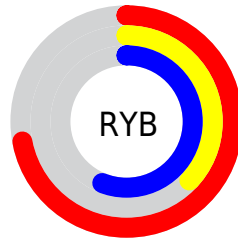
The YIQ color **126.6700, 37.3610, 33.2730** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **151.3300, -37.3610, -33.2730**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.2790, 40.0200, 34.6440**, and **74.5880, 34.6560, 32.7360** is the 20% darker color. If you saturate the color by 10%, you get **115.1920, 44.8790, 40.1990**, and if you desaturate by 10%, it is **138.2620, 29.5220, 26.6580**.

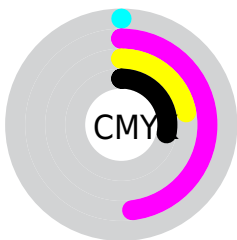
Distribution



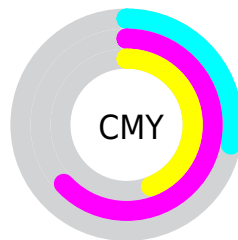
- Red (72%)
- Green (37%)
- Blue (56%)



- Red (72%)
- Yellow (37%)
- Blue (56%)



- Cyan (0%)
- Magenta (48%)
- Yellow (22%)
- Black (28%)



- Cyan (28%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.6700, 37.3610, 33.2730 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 126.6700, 37.3610, 33.2730 by changing the saturation by 10% instead.

126.6700, 37.3610,
33.2730

126.6700, 37.3610,
33.2730

255.0000, -0.0000,
-0.0000

100.0720, 36.1690,
32.8490

181.2790, 40.0200,
34.6440

74.5880, 34.6560,
32.7360

204.5060, 31.9510,
32.1990

46.7560, 34.2430,
34.7150

224.1340, 15.2630,
26.2630

27.6690, 29.9340,
30.2060

241.4990, 6.3250,
12.0290

18.2130, 22.0500,
18.8980

5.0830, 10.1320,
3.6040

0.0000, 0.0000,

0.0000

■ 126.6700, 37.3610,
33.2730

■ 126.6700, 37.3610,
33.2730

■ 115.1920, 44.8790,
40.1990

■ 138.2620, 29.5220,
26.6580

■ 103.0130, 52.9930,
47.3370

■ 150.3270, 21.7290,
19.2090

■ 91.4210, 60.8320,
53.9520

■ 161.9190, 13.8900,
12.5940

■ 79.9430, 68.3500,
60.8780

■ 173.3970, 6.3720,
5.6680

■ 67.7640, 76.4640,
68.0160

■ 184.9890, -1.4670,
-0.9470

■ 65.8890, 77.6100,
69.2740

■ 197.0540, -9.2600,
-8.3960

■ 208.6460,
-17.0990, -15.0110

■ 220.1240,
-24.6170, -21.9370

■ 229.3680,
-31.3560, -26.4600

Harmonies

Analogous

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



128.0930, 5.3130, 30.3770



126.6700, 37.3610, 33.2730



124.5560, 54.8770, 24.1970

Triad

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



126.6700, 37.3610, 33.2730



118.6240, 23.5250, -24.3710



102.2440, -94.9960, -18.4840

Complementary

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



126.6700, 37.3610, 33.2730



151.3300, -37.3610, -33.2730

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.



99.7700, -85.2740, -29.4820



126.6700, 37.3610, 33.2730



113.7430, -10.7230, -31.4510

Square

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



126.6700, 37.3610, 33.2730



121.5610, 46.1720, -10.7880



94.8510, -72.8010, -40.7770



100.3010, -99.1700, -8.9140

Rectangle

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



126.6700, 37.3610, 33.2730



123.7870, 58.1800, 13.8920



94.8510, -72.8010, -40.7770



101.8050, -92.3820, -21.8060

Sweetspot

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



126.6700, 37.3610, 33.2730



215.9190, 13.8900, 12.5940



116.9920, -4.4080, 35.8480



106.5330, 8.9850, 7.8730



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



126.6700, 37.3610, 33.2730



149.2850, 58.2190, 51.7470



121.7680, 51.1640, 19.9000



86.2610, 3.7590, 3.4630



56.1060, 66.3330, 58.8850



10.0820, 11.8730, 10.6010

Inverse Universe

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



126.6700, 37.3610, 33.2730



149.2850, 58.2190, 51.7470



156.2320, -51.1640, -19.9000



86.2610, 3.7590, 3.4630



56.1060, 66.3330, 58.8850



10.0820, 11.8730, 10.6010

Previews

White Background



This preview shows how the YIQ color 126.6700, 37.3610, 33.2730 looks on a white background.

Color Contrast Check

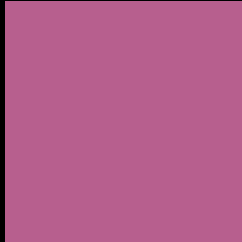
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.6700, 37.3610, 33.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

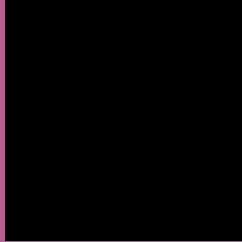
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.6700, 37.3610, 33.2730

Background



This preview shows how black text looks on a background with the YIQ color 126.6700, 37.3610, 33.2730.



This preview shows how white text looks on a background with the YIQ color 126.6700, 37.3610,

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

126.6700, 37.3610, 33.2730

Protanopia

124.9400, -16.9660, 10.1220

Deuteranopia

125.9280, 0.5030, 7.4070



Tritanopia

126.1200, 44.2410, 18.7130

Trichromacy



Original Color

126.6700, 37.3610, 33.2730

Protanomaly

125.7470, 2.9310, 18.4750

Deuteranomaly

126.4400, 13.9810, 16.4530

Tritanomaly

126.0260, 41.8100, 24.2260

Monochromacy



Original Color

126.6700, 37.3610, 33.2730

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.5060, 13.6150, 12.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.6700, 37.3610, 33.2730 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(183, 95, 142)` looks like.

```
.text, #text, p{  
    color:rgb(183, 95, 142)  
}
```

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(183, 95, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 95, 142) }
```

Border

The CSS property to change the border of an element to YIQ 126.6700, 37.3610, 33.2730 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(183, 95, 142) }
```


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

```
.border{ border-color:rgb(183, 95, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 95, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 95, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 95, 142);  
box-shadow:4px 4px 4px 4px rgb(183, 95,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 126.6700, 37.3610, 33.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 95, 142) }
```

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

```
.background{ background-color: rgb(183, 95,  
142) }
```

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