

Converting Colors

YIQ(137.0620, 42.1290, 34.9690)

Have a look what the booklet for
YIQ(137.0620, 42.1290, 34.9690)
contains.

YIQ(137.0620, 42.1290, 34.9690)	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(137.0620, 42.1290,
34.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	C76796
RGB	199, 103, 150
RGB Percent	78%, 40%, 59%
CMY	0.2193, 0.5962, 0.4116
CMYK	0.00, 0.48, 0.25, 0.22
HSL	331°, 46%, 59%
HSV	331°, 48%, 78%
XYZ	33.9246, 24.0467, 31.7217
YIQ	137.0620, 42.1290, 34.9690

Conversions

Conversions Part 2

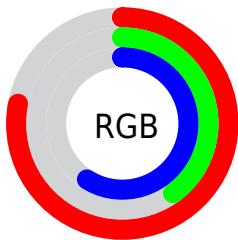
Format	Color
RYB	199, 103, 150
Decimal	13068182
CIELab	56.13, 43.75, -8.22
CIELCh	56, 44.514, 349.364
Yxy	24.0467, 0.3782, 0.2681
Android (android.graphics.Color)	4291258262 (0xFFC76796)
YUV	137.0620, 6.3784, 54.3196
Hunter-Lab	49.0374, 37.6726, -4.0278

Details

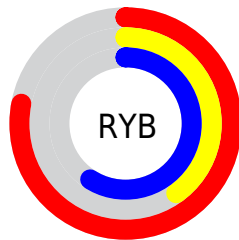
The YIQ color **137.0620, 42.1290, 34.9690** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **164.9380, -42.1290, -34.9690**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6600, 43.3210, 35.3930**, and **83.9800, 39.4240, 34.4320** is the 20% darker color. If you saturate the color by 10%, you get **124.1820, 50.8390, 42.3190**, and if you desaturate by 10%, it is **149.9420, 33.4190, 27.6190**.

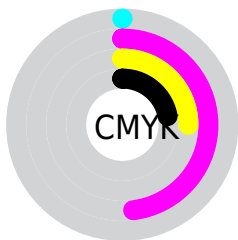
Distribution



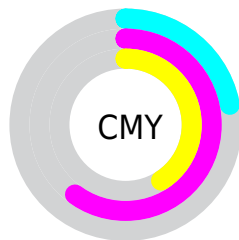
- Red (78%)
- Green (40%)
- Blue (59%)



- Red (78%)
- Yellow (40%)
- Blue (59%)



- Cyan (0%)
- Magenta (48%)
- Yellow (25%)
- Black (22%)




- Cyan (22%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.0620, 42.1290, 34.9690 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 137.0620, 42.1290, 34.9690 by changing the saturation by 10% instead.


 137.0620, 42.1290,
34.9690


 137.0620, 42.1290,
34.9690


255.0000, -0.0000,
-0.0000


 110.4640, 40.9370,
34.5450


 191.6600, 43.3210,
35.3930


 83.9800, 39.4240,
34.4320


 210.7010, 26.9080,
29.9800


 56.4360, 38.1400,
35.6760

 229.7590, 11.8250,
22.4890

 32.6530, 36.0310,
35.3510

 246.7820, 3.8500,
7.3220

 22.4850, 27.2760,
23.3080

 12.5300, 22.2350,
10.0350

 0.0000, 0.0000,

0.0000

■ 137.0620, 42.1290,
34.9690

■ 137.0620, 42.1290,
34.9690

■ 124.1820, 50.8390,
42.3190

■ 149.9420, 33.4190,
27.6190

■ 111.3020, 59.5490,
49.6690

■ 162.8220, 24.7090,
20.2690

■ 98.4220, 68.2590,
57.0190

■ 175.8160, 15.6780,
13.2300

■ 85.4280, 77.2900,
64.0580

■ 188.6960, 6.9680,
5.8800

■ 72.5480, 86.0000,
71.4080

■ 200.9890, -1.4670,
-0.9470

■ 70.5590, 87.4670,
72.3550

■ 213.8690,
-10.1770, -8.2970

■ 226.7490,
-18.8870, -15.6470

■ 235.5200,
-25.6720, -19.3360

■ 236.6600,
-28.8820, -16.2260

Harmonies

Analogous

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



138.5390, 9.9890, 33.7410



137.0620, 42.1290, 34.9690



135.0080, 59.4160, 24.5360

Triad

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



137.0620, 42.1290, 34.9690



128.2600, 21.5540, -27.1980



110.5250, -103.1570, -19.2610

Complementary

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



137.0620, 42.1290, 34.9690



164.9380, -42.1290, -34.9690

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.



108.5240, -93.3890, -31.0930



137.0620, 42.1290, 34.9690



122.8240, -15.4450, -33.9810

Square

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



137.0620, 42.1290, 34.9690



132.0510, 47.5480, -13.7000



103.3770, -80.2740, -43.0100



107.8810, -106.7350, -9.4790

Rectangle

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



137.0620, 42.1290, 34.9690



134.0000, 61.8940, 12.6620



103.3770, -80.2740, -43.0100



110.0860, -100.5430, -22.5830

Sweetspot

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



137.0620, 42.1290, 34.9690



231.8160, 15.6780, 13.2300



128.2960, -2.2080, 40.0320



113.7180, 9.9020, 7.7740



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



137.0620, 42.1290, 34.9690



159.5740, 64.7750, 54.0790



131.7040, 57.2160, 20.3520



93.1470, 4.0800, 3.1520



57.8570, 71.4680, 59.4360



12.7020, 15.9990, 12.9190

Inverse Universe

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



137.0620, 42.1290, 34.9690



159.5740, 64.7750, 54.0790



170.2960, -57.2160, -20.3520



93.1470, 4.0800, 3.1520



57.8570, 71.4680, 59.4360



12.7020, 15.9990, 12.9190

Previews

White Background



This preview shows how the YIQ color 137.0620, 42.1290, 34.9690 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 137.0620, 42.1290, 34.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

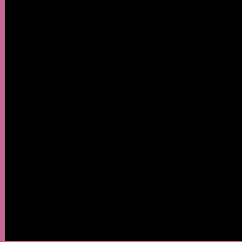
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.0620, 42.1290, 34.9690

Background



This preview shows how black text looks on a background with the YIQ color 137.0620, 42.1290, 34.9690.



This preview shows how white text looks on a background with the YIQ color 137.0620, 42.1290,

34.9690.

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

137.0620, 42.1290, 34.9690

Protanopia

135.7120, -16.3240, 9.5000

Deuteranopia

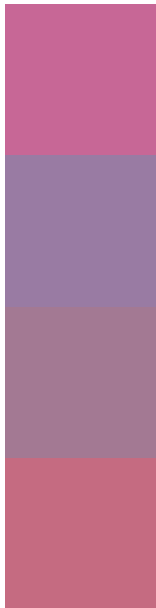
136.1840, 2.6580, 6.8980



Tritanopia

135.9250, 49.2840, 20.9320

Trichromacy



Original Color

137.0620, 42.1290, 34.9690

Protanomaly

136.5300, 5.0400, 18.8000

Deuteranomaly

136.5220, 16.6860, 16.9900

Tritanomaly

136.4180, 46.5780, 25.9220

Monochromacy



Original Color

137.0620, 42.1290, 34.9690

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.4030, 15.4030, 12.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.0620, 42.1290, 34.9690 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(199, 103, 150)` looks like.

```
.text, #text, p{  
    color:rgb(199, 103, 150)  
}
```

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(199, 103, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 103, 150) }
```

Border

The CSS property to change the border of an element to YIQ 137.0620, 42.1290, 34.9690 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(199, 103, 150) }
```


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

```
.border{ border-color:rgb(199, 103, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 103, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 103, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 103, 150);  
box-shadow:4px 4px 4px 4px rgb(199, 103,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 137.0620, 42.1290, 34.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 103, 150) }
```

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

```
.background{ background-color: rgb(199,  
103, 150) }
```

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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