

Converting Colors

YIQ(131.9490, 40.7090, 27.6610)

Have a look what the booklet for
YIQ(131.9490, 40.7090, 27.6610)
contains.

YIQ(131.9490, 40.7090, 27.6610)	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(131.9490, 40.7090,
27.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6786
RGB	188, 103, 134
RGB Percent	74%, 40%, 53%
CMY	0.2625, 0.5962, 0.4744
CMYK	0.00, 0.45, 0.29, 0.26
HSL	338°, 39%, 57%
HSV	338°, 45%, 74%
XYZ	29.9052, 22.1142, 25.2594
YIQ	131.9490, 40.7090, 27.6610

Conversions

Conversions Part 2

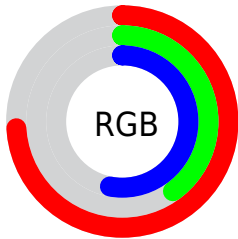
Format	Color
R_{YB}	188, 103, 134
Decimal	12347270
CIE Lab	54.15, 37.71, -1.95
CIE LCh	54, 37.762, 357.047
Yxy	22.1142, 0.3870, 0.2862
Android (android.graphics.Color)	4290537350 (0xFFBC6786)
YUV	131.9490, 1.0111, 49.1567
Hunter-Lab	47.0257, 31.2191, 1.0710

Details

The YIQ color **131.9490, 40.7090, 27.6610** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **159.0510, -40.7090, -27.6610**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.4440, 43.6890, 28.7210**, and **80.2690, 36.8120, 26.7000** is the 20% darker color. If you saturate the color by 10%, you get **119.4280, 49.7860, 33.8660**, and if you desaturate by 10%, it is **144.4700, 31.6320, 21.4560**.

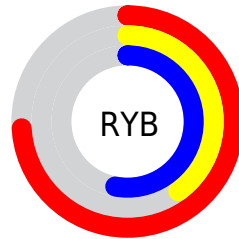
Distribution



Red (74%)

Green (40%)

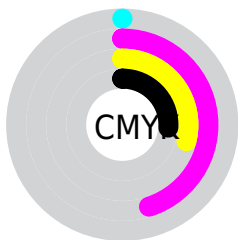
Blue (53%)



Red (74%)

Yellow (40%)

Blue (53%)

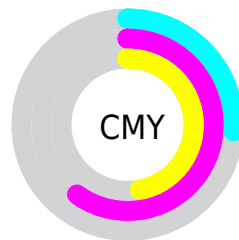


Cyan (0%)

Magenta (45%)

Yellow (29%)

Black (26%)



Cyan (26%)


Magenta (60%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.9490, 40.7090, 27.6610 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 131.9490, 40.7090, 27.6610 by changing the saturation by 10% instead.


 131.9490, 40.7090,
27.6610


 131.9490, 40.7090,
27.6610


255.0000, -0.0000,
-0.0000

 106.0520, 38.9210,
27.0250


 186.4440, 43.6890,
28.7210


 79.6820, 37.0870,
27.2230


 208.1760, 32.6400,
25.2160


 54.1980, 35.5740,
27.1100

 227.8040, 15.9520,
19.2800

 28.1810, 34.2440,
29.1880

 246.1950, 4.1250,
7.8450

 18.3120, 26.0850,
17.3570

 7.5890, 14.5790,
5.6110

 0.0000, 0.0000,

0.0000

■ 131.9490, 40.7090,
27.6610

■ 131.9490, 40.7090,
27.6610

■ 119.4280, 49.7860,
33.8660

■ 144.4700, 31.6320,
21.4560

■ 106.9070, 58.8630,
40.0710

■ 156.9910, 22.5550,
15.2510

■ 94.9730, 67.6650,
45.7530

■ 168.9250, 13.7530,
9.5690

■ 82.4520, 76.7420,
51.9580

■ 181.4460, 4.6760,
3.3640

■ 69.9310, 85.8190,
58.1630

■ 193.9670, -4.4010,
-2.8410

■ 64.0780, 89.8990,
61.3150

■ 206.4880,
-13.4780, -9.0460

■ 219.0090,
-22.5550, -15.2510

■ 230.9430,
-31.3570, -20.9330

■ 233.3710,
-35.4380, -18.5580

Harmonies

Analogous

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



133.3130, 16.3170, 29.1890



131.9490, 40.7090, 27.6610



130.3720, 52.2190, 17.2990

Triad

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



131.9490, 40.7090, 27.6610



123.6920, 11.6500, -23.9180



104.2160, -97.7930, -17.3530

Complementary

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



131.9490, 40.7090, 27.6610



159.0510, -40.7090, -27.6610

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.



103.7140, -90.8680, -27.2200



131.9490, 40.7090, 27.6610



118.4630, -21.4980, -28.9060

Square

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



131.9490, 40.7090, 27.6610



127.1790, 35.4440, -14.6040



102.3440, -75.5070, -35.7870



121.1060, -58.5960, 4.6680

Rectangle

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



131.9490, 40.7090, 27.6610



129.3360, 51.9000, 6.5560



102.3440, -75.5070, -35.7870



104.5920, -96.0960, -20.5760

Sweetspot

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



131.9490, 40.7090, 27.6610



222.5340, 16.4120, 10.9400



128.8360, 4.8990, 37.8830



108.7780, 9.6730, 6.4170



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.



131.9490, 40.7090, 27.6610



157.9400, 63.2640, 42.9120



134.8720, 47.6350, 12.2670



88.0330, 4.4010, 2.8410



53.8540, 75.5500, 51.5340



10.5230, 14.9450, 9.9930

Inverse Universe

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



131.9490, 40.7090, 27.6610



157.9400, 63.2640, 42.9120



156.1280, -47.6350, -12.2670



88.0330, 4.4010, 2.8410



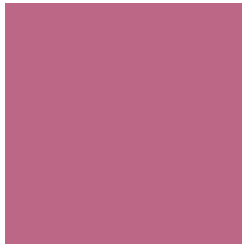
53.8540, 75.5500, 51.5340



10.5230, 14.9450, 9.9930

Previews

White Background



This preview shows how the YIQ color 131.9490, 40.7090, 27.6610 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 131.9490, 40.7090, 27.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

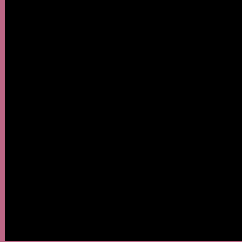
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.9490, 40.7090, 27.6610

Background



This preview shows how black text looks on a background with the YIQ color 131.9490, 40.7090, 27.6610.



This preview shows how white text looks on a background with the YIQ color 131.9490, 40.7090,

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

131.9490, 40.7090, 27.6610

Protanopia

130.4970, -8.5290, 5.8950

Deuteranopia

131.2400, 8.2520, 4.6360



Tritanopia

131.4190, 44.8370, 18.9250

Trichromacy



Original Color

131.9490, 40.7090, 27.6610

Protanomaly

131.4070, 9.5800, 13.6120

Deuteranomaly

131.7410, 20.2630, 12.7350

Tritanomaly

131.9290, 43.4610, 21.8370

Monochromacy



Original Color

131.9490, 40.7090, 27.6610

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.6370, 14.6240, 10.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.9490, 40.7090, 27.6610 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(188, 103, 134)` looks like.

```
.text, #text, p{  
    color:rgb(188, 103, 134)  
}
```

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(188, 103, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 103, 134) }
```

Border

The CSS property to change the border of an element to YIQ 131.9490, 40.7090, 27.6610 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(188, 103, 134) }
```


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

```
.border{ border-color:rgb(188, 103, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 103, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 103, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 103, 134);  
box-shadow:4px 4px 4px 4px rgb(188, 103,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 131.9490, 40.7090, 27.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 103, 134) }
```

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

```
.background{ background-color: rgb(188,  
103, 134) }
```

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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