

Converting Colors

YIQ(136.0210, 49.3740, 30.3180)

Have a look what the booklet for
YIQ(136.0210, 49.3740, 30.3180)
contains.

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Color

**YIQ(136.0210, 49.3740,
30.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6785
RGB	202, 103, 133
RGB Percent	79%, 40%, 52%
CMY	0.2076, 0.5962, 0.4783
CMYK	0.00, 0.49, 0.34, 0.21
HSL	342°, 48%, 60%
HSV	342°, 49%, 79%
XYZ	33.4575, 23.9525, 25.0662
YIQ	136.0210, 49.3740, 30.3180

Conversions

Conversions Part 2

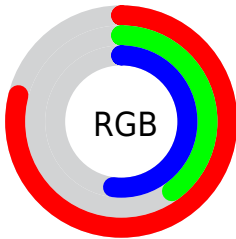
Format	Color
R_{YB}	202, 103, 133
Decimal	13264773
CIE _{Lab}	56.04, 42.52, 1.63
CIE _{LCh}	56, 42.551, 2.197
Yxy	23.9525, 0.4057, 0.2904
Android (android.graphics.Color)	4291454853 (0xFFCA6785)
YUV	136.0210, -1.4894, 57.8636
Hunter-Lab	48.9413, 36.3797, 3.8925

Details

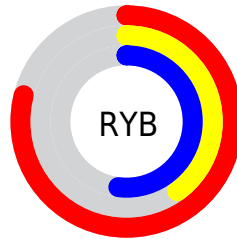
The YIQ color **136.0210, 49.3740, 30.3180** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **168.9790, -49.3740, -30.3180**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0210, 49.3740, 30.3180**, and **82.8680, 45.4310, 30.1910** is the 20% darker color. If you saturate the color by 10%, you get **122.6850, 59.3680, 36.4240**, and if you desaturate by 10%, it is **149.3570, 39.3800, 24.2120**.

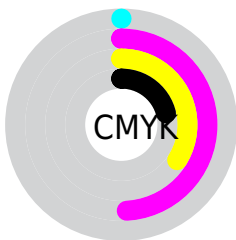
Distribution



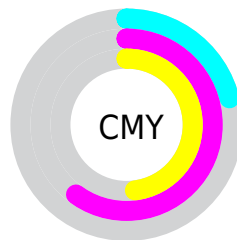
- Red (79%)
- Green (40%)
- Blue (52%)



- Red (79%)
- Yellow (40%)
- Blue (52%)



- Cyan (0%)
- Magenta (49%)
- Yellow (34%)
- Black (21%)





- Cyan (21%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.0210, 49.3740, 30.3180 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 136.0210, 49.3740, 30.3180 by changing the saturation by 10% instead.


 136.0210, 49.3740,
30.3180


 136.0210, 49.3740,
30.3180


255.0000, -0.0000,
-0.0000


 109.2380, 47.2650,
29.9930


 189.0210, 49.3740,
30.3180


 82.8680, 45.4310,
30.1910


 208.6490, 32.6860,
24.3820


 55.4380, 43.8260,
31.7460

 228.2770, 15.9980,
18.4460

 31.3560, 41.1210,
31.2090

 246.7820, 3.8500,
7.3220

 21.1880, 32.3660,
19.1660

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,

0.0000

■ 136.0210, 49.3740,
30.3180

■ 136.0210, 49.3740,
30.3180

■ 122.6850, 59.3680,
36.4240

■ 149.3570, 39.3800,
24.2120

■ 109.3490, 69.3620,
42.5300

■ 162.6930, 29.3860,
18.1060

■ 95.4260, 79.6310,
49.1590

■ 176.6160, 19.1170,
11.4770

■ 82.0900, 89.6250,
55.2650

■ 189.9520, 9.1230,
5.3710

■ 68.7540, 99.6190,
61.3710

■ 203.2880, -0.8710,
-0.7350

■ 67.3520, 100.8110,
61.7950

■ 216.6240,
-10.8650, -6.8410

■ 230.0740,
-21.1800, -12.6360

■ 238.1270,
-28.6990, -14.0350

■ 239.1530,
-31.5880, -11.2360

Harmonies

Analogous

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



138.2540, 23.9730, 33.6130



136.0210, 49.3740, 30.3180



134.5530, 58.9590, 16.2950

Triad

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



136.0210, 49.3740, 30.3180



126.7790, 6.7910, -29.4730



108.9750, -104.3040, -14.9920

Complementary

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



136.0210, 49.3740, 30.3180



168.9790, -49.3740, -30.3180

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.



108.9460, -97.3330, -25.6930



136.0210, 49.3740, 30.3180



119.2550, -32.7760, -33.7680

Square

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



136.0210, 49.3740, 30.3180



130.7290, 36.5910, -18.8730



105.3150, -85.7310, -37.7230



125.9580, -60.9350, 8.5130

Rectangle

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



136.0210, 49.3740, 30.3180



133.3920, 57.4940, 4.2940



105.3150, -85.7310, -37.7230



109.3510, -102.6070, -18.2150

Sweetspot

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



136.0210, 49.3740, 30.3180



229.6160, 19.1170, 11.4770



134.6180, 8.7490, 45.2050



112.6750, 11.4610, 7.0530



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.



136.0210, 49.3740, 30.3180



154.9800, 74.9550, 45.7950



143.1670, 54.0540, 11.5740



95.3320, 4.9970, 3.0530



55.3340, 82.8860, 50.7420



12.7300, 18.7960, 11.7880

Inverse Universe

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



136.0210, 49.3740, 30.3180



154.9800, 74.9550, 45.7950



161.8330, -54.0540, -11.5740



95.3320, 4.9970, 3.0530



55.3340, 82.8860, 50.7420



12.7300, 18.7960, 11.7880

Previews

White Background



This preview shows how the YIQ color 136.0210, 49.3740, 30.3180 looks on a white background.

Color Contrast Check

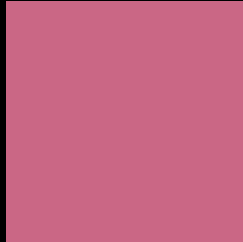
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.0210, 49.3740, 30.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

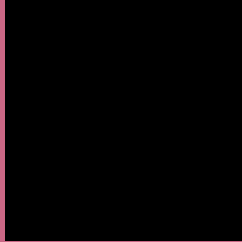
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.0210, 49.3740, 30.3180

Background



This preview shows how black text looks on a background with the YIQ color 136.0210, 49.3740, 30.3180.



This preview shows how white text looks on a background with the YIQ color 136.0210, 49.3740,

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

136.0210, 49.3740, 30.3180

Protanopia

135.3400, -6.6490, 4.8630

Deuteranopia

135.8660, 12.2410, 3.9290



Tritanopia

135.0180, 53.4560, 22.4160

Trichromacy



Original Color

136.0210, 49.3740, 30.3180

Protanomaly

135.5600, 13.5230, 13.7390

Deuteranomaly

135.7910, 25.9940, 13.4980

Tritanomaly

135.5280, 52.0800, 25.3280

Monochromacy



Original Color

136.0210, 49.3740, 30.3180

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0180, 17.9250, 11.0530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.0210, 49.3740, 30.3180 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(202, 103, 133)` looks like.

```
.text, #text, p{  
    color:rgb(202, 103, 133)  
}
```

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(202, 103, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 103, 133) }
```

Border

The CSS property to change the border of an element to YIQ 136.0210, 49.3740, 30.3180 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(202, 103, 133) }
```


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

```
.border{ border-color:rgb(202, 103, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 103, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 103, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 103, 133);  
box-shadow:4px 4px 4px 4px rgb(202, 103,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 136.0210, 49.3740, 30.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 103, 133) }
```

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

```
.background{ background-color: rgb(202,  
103, 133) }
```

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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