

Converting Colors

YIQ(140.0940, 21.9080, 43.5080)

Have a look what the booklet for
YIQ(140.0940, 21.9080, 43.5080)
contains.

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Color

**YIQ(140.0940, 21.9080,
43.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6ABE
RGB	188, 106, 190
RGB Percent	74%, 42%, 75%
CMY	0.2625, 0.5844, 0.2549
CMYK	0.01, 0.44, 0.00, 0.25
HSL	299°, 39%, 58%
HSV	299°, 44%, 75%
XYZ	35.2000, 24.7183, 51.6343
YIQ	140.0940, 21.9080, 43.5080

Conversions

Conversions Part 2

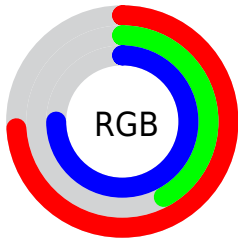
Format	Color
R_{YB}	188, 106, 190
Decimal	12348094
CIE _{Lab}	56.80, 45.27, -30.45
CIE _{LCh}	57, 54.556, 326.078
Yxy	24.7183, 0.3155, 0.2216
Android (android.graphics.Color)	4290538174 (0xFFBC6ABE)
YUV	140.0940, 24.6037, 42.0136
Hunter-Lab	49.7175, 39.3721, -26.7735

Details

The YIQ color **140.0940, 21.9080, 43.5080** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **155.9060, -21.9080, -43.5080**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.6320, 23.3290, 45.2890**, and **86.9690, 20.7620, 42.2500** is the 20% darker color. If you saturate the color by 10%, you get **128.9410, 27.1330, 53.4450**, and if you desaturate by 10%, it is **151.5460, 17.2790, 33.7830**.

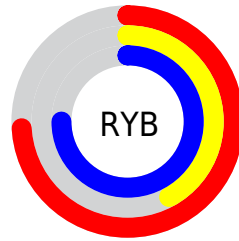
Distribution



Red (74%)

Green (42%)

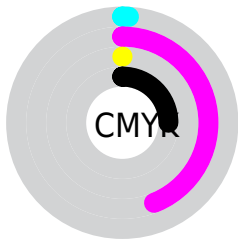
Blue (75%)



Red (74%)

Yellow (42%)

Blue (75%)

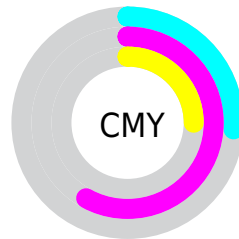


Cyan (1%)

Magenta (44%)

Yellow (0%)

Black (25%)



Cyan (26%)


Magenta (58%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.0940, 21.9080, 43.5080 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 140.0940, 21.9080, 43.5080 by changing the saturation by 10% instead.


 140.0940, 21.9080,
43.5080


 140.0940, 21.9080,
43.5080


255.0000, -0.0000,
-0.0000


 113.3820, 21.0370,
42.7730


 195.0450, 23.6040,
45.8120

 86.9690, 20.7620,
42.2500


 215.0840, 18.7000,
35.5640

 60.1970, 20.1200,
42.8720

 231.5200, 11.0000,
20.9200

 33.7240, 20.0740,
43.7060

 248.5430, 3.0250,
5.7530

 23.5130, 12.8780,
30.9420

 14.4270, 6.8280,
19.4360

 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 140.0940, 21.9080,
43.5080

■ 140.0940, 21.9080,
43.5080

■ 128.9410, 27.1330,
53.4450

■ 151.5460, 17.2790,
33.7830

■ 117.4890, 31.7620,
63.1700

■ 162.6990, 12.0540,
23.8460

■ 106.3360, 36.9870,
73.1070

■ 173.8520, 6.8290,
13.9090

■ 94.8840, 41.6160,
82.8320

■ 185.3040, 2.2000,
4.1840

■ 83.7310, 46.8410,
92.7690

■ 196.4570, -3.0250,
-5.7530

■ 77.2740, 49.8660,
98.5220

■ 207.9090, -7.6540,
-15.4780

■ 219.0620,
-12.8790, -25.4150

■ 228.7530,
-16.6830, -33.5710

Harmonies

Analogous

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



136.9440, -30.8160, 29.8560



140.0940, 21.9080, 43.5080



135.7160, 58.0830, 43.1950

Triad

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



140.0940, 21.9080, 43.5080



131.0650, 52.9600, -23.6800



113.5110, -100.5420, -28.1100

Complementary

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



140.0940, 21.9080, 43.5080



155.9060, -21.9080, -43.5080

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.



107.9250, -84.8130, -43.3490



140.0940, 21.9080, 43.5080



126.4840, 17.5670, -37.5450

Square

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



140.0940, 21.9080, 43.5080



133.2270, 71.0200, 1.4520



116.6640, -35.8460, -44.2140



114.7940, -111.0440, -13.9880

Rectangle

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



140.0940, 21.9080, 43.5080



134.1500, 71.0600, 33.7800



116.6640, -35.8460, -44.2140



111.6870, -95.4060, -33.0860

Sweetspot

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



140.0940, 21.9080, 43.5080



228.2160, 8.8000, 16.7360



117.3370, -27.7890, 24.5550



112.9610, 4.9040, 10.2480



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.



140.0940, 21.9080, 43.5080



169.2060, 34.2370, 67.8770



136.2460, 35.6190, 31.8030



88.7170, 2.4750, 4.7070



64.0580, 41.0660, 81.7860



12.5040, 7.9290, 16.0010

Inverse Universe

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



131.3440, 49.4220, 18.4300



155.5110, 77.1130, 28.7050



159.7540, -35.6190, -31.8030



87.6910, 5.3640, 1.9080



47.6980, 92.8840, 34.7400



9.3830, 18.1550, 6.8830

Previews

White Background



This preview shows how the YIQ color 140.0940, 21.9080, 43.5080 looks on a white background.

Color Contrast Check

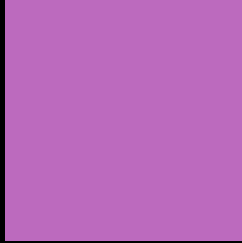
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.0940, 21.9080, 43.5080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

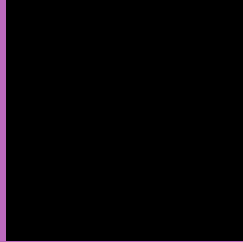
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.0940, 21.9080, 43.5080

Background



This preview shows how black text looks on a background with the YIQ color 140.0940, 21.9080, 43.5080.



This preview shows how white text looks on a background with the YIQ color 140.0940, 21.9080,

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

140.0940, 21.9080, 43.5080

Protanopia

135.2320, -40.8550, 19.0570

Deuteranopia

137.1120, -23.2020, 13.0060



Tritanopia

138.9660, 32.8710, 15.5190

Trichromacy



Original Color

140.0940, 21.9080, 43.5080

Protanomaly

137.1210, -18.2530, 27.9470

Deuteranomaly

138.0590, -6.5150, 24.4690

Tritanomaly

139.4360, 28.9720, 25.6120

Monochromacy



Original Color

140.0940, 21.9080, 43.5080

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0910, 7.6540, 15.4780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.0940, 21.9080, 43.5080 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, 106, 190)` looks like.

```
.text, #text, p{  
    color:rgb(188, 106, 190)  
}
```

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, 106, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 106, 190) }
```

Border

The CSS property to change the border of an element to YIQ 140.0940, 21.9080, 43.5080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

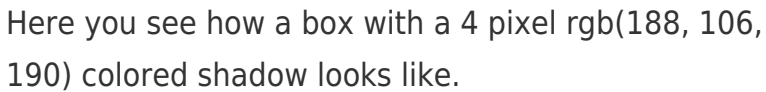
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 106, 190) }
```


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

```
.border{ border-color:rgb(188, 106, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 106, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 106, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 106, 190);  
box-shadow:4px 4px 4px 4px rgb(188, 106,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 140.0940, 21.9080, 43.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 106, 190) }
```

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

```
.background{ background-color: rgb(188,  
106, 190) }
```

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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