

Converting Colors

YIQ(122.2860, 47.3100, 34.6860)

Have a look what the booklet for
YIQ(122.2860, 47.3100, 34.6860)
contains.

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Color

**YIQ(122.2860, 47.3100,
34.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5781
RGB	189, 87, 129
RGB Percent	74%, 34%, 51%
CMY	0.2586, 0.6590, 0.4940
CMYK	0.00, 0.54, 0.32, 0.26
HSL	335°, 44%, 54%
HSV	335°, 54%, 74%
XYZ	28.3731, 19.2231, 22.9977
YIQ	122.2860, 47.3100, 34.6860

Conversions

Conversions Part 2

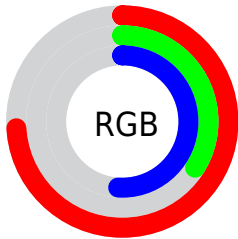
Format	Color
R _Y B	189, 87, 129
Decimal	12408705
CIE Lab	50.95, 45.60, -3.68
CIE LCh	51, 45.747, 355.385
Yxy	19.2231, 0.4019, 0.2723
Android (android.graphics.Color)	4290598785 (0xFFBD5781)
YUV	122.2860, 3.3100, 58.5082
Hunter-Lab	43.8441, 38.7864, -0.4086

Details

The YIQ color **122.2860, 47.3100, 34.6860** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **153.7140, -47.3100, -34.6860**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **177.0800, 50.8860, 35.9580**, and **67.9590, 43.9170, 35.6050** is the 20% darker color. If you saturate the color by 10%, you get **109.8790, 56.0660, 41.2020**, and if you desaturate by 10%, it is **134.6930, 38.5540, 28.1700**.

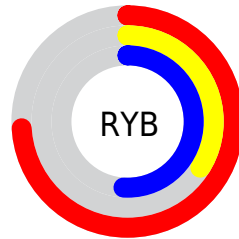
Distribution



Red (74%)

Green (34%)

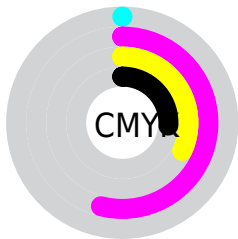
Blue (51%)



Red (74%)

Yellow (34%)

Blue (51%)

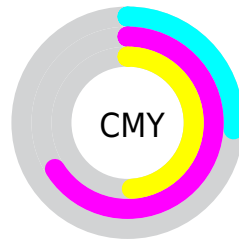


Cyan (0%)

Magenta (54%)

Yellow (32%)

Black (26%)



Cyan (26%)


Magenta (66%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.2860, 47.3100, 34.6860 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 122.2860, 47.3100, 34.6860 by changing the saturation by 10% instead.


 122.2860, 47.3100,
34.6860


 122.2860, 47.3100,
34.6860


255.0000, -0.0000,
-0.0000


 95.8020, 45.7970,
34.5730


 177.0800, 50.8860,
35.9580

 67.9590, 43.9170,
35.6050


 198.6870, 38.6910,
31.1950

 37.8930, 44.2830,
39.9870


 218.4290, 21.6820,
25.5700

 27.4260, 34.9320,
27.7320

 236.8030, 8.5250,
16.2130

 18.0410, 28.2860,
16.0140

253.8260, 0.5500,
1.0460

 4.7840, 9.5360,
3.3920

 0.0000, 0.0000,

0.0000

■ 122.2860, 47.3100,
34.6860

■ 122.2860, 47.3100,
34.6860

■ 109.8790, 56.0660,
41.2020

■ 134.6930, 38.5540,
28.1700

■ 97.4720, 64.8220,
47.7180

■ 147.1000, 29.7980,
21.6540

■ 85.0650, 73.5780,
54.2340

■ 159.5070, 21.0420,
15.1380

■ 72.6580, 82.3340,
60.7500

■ 172.0280, 11.9650,
8.9330

■ 65.4030, 87.6060,
64.3260

■ 183.8480, 3.4840,
2.9400

■ 196.2550, -5.2720,
-3.5760

■ 208.6620,
-14.0280, -10.0920

■ 221.0690,
-22.7840, -16.6080

■ 232.3020,
-30.9900, -22.0780

Harmonies

Analogous

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



124.6000, 17.1870, 35.4510



122.2860, 47.3100, 34.6860



119.9110, 61.0670, 22.1470

Triad

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



122.2860, 47.3100, 34.6860



113.8570, 15.3190, -29.8410



100.9220, -96.7850, -13.5930

Complementary

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



122.2860, 47.3100, 34.6860



153.7140, -47.3100, -34.6860

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.



99.7360, -87.9340, -25.3260



122.2860, 47.3100, 34.6860



106.9090, -25.9900, -35.6060

Square

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



122.2860, 47.3100, 34.6860



117.3770, 43.5140, -17.6860



95.1760, -75.0940, -37.7660



97.2350, -98.8040, -4.5320

Rectangle

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



122.2860, 47.3100, 34.6860



119.5930, 61.4820, 9.1140



95.1760, -75.0940, -37.7660



101.0700, -94.4460, -17.4380

Sweetspot

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



122.2860, 47.3100, 34.6860



219.4850, 18.1080, 13.2440



116.5680, 3.0180, 44.4420



107.0170, 10.4980, 7.9860



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.



122.2860, 47.3100, 34.6860



140.9510, 73.8990, 53.9230



122.1940, 58.5920, 17.4400



88.1470, 4.0800, 3.1520



54.6520, 73.3030, 53.7110



10.7510, 14.3030, 10.6150

Inverse Universe

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



122.2860, 47.3100, 34.6860



140.9510, 73.8990, 53.9230



153.8060, -58.5920, -17.4400



88.1470, 4.0800, 3.1520



54.6520, 73.3030, 53.7110



10.7510, 14.3030, 10.6150

Previews

White Background



This preview shows how the YIQ color 122.2860, 47.3100, 34.6860 looks on a white background.

Color Contrast Check

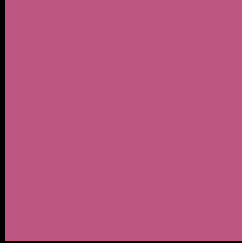
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.2860, 47.3100, 34.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

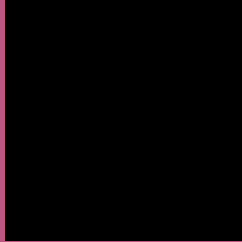
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.2860, 47.3100, 34.6860

Background



This preview shows how black text looks on a background with the YIQ color 122.2860, 47.3100, 34.6860.



This preview shows how white text looks on a background with the YIQ color 122.2860, 47.3100,

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

122.2860, 47.3100, 34.6860

Protanopia

122.6260, -13.2060, 8.0580

Deuteranopia

123.1690, 7.0140, 5.0460



Tritanopia

121.7900, 54.0980, 21.7940

Trichromacy



Original Color

122.2860, 47.3100, 34.6860

Protanomaly

122.7430, 8.7540, 17.5700

Deuteranomaly

122.9200, 21.3170, 15.6610

Tritanomaly

122.1690, 51.7130, 26.4730

Monochromacy



Original Color

122.2860, 47.3100, 34.6860

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.8870, 16.9160, 12.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.2860, 47.3100, 34.6860 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(189, 87, 129)` looks like.

```
.text, #text, p{  
    color:rgb(189, 87, 129)  
}
```

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(189, 87, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 87, 129) }
```

Border

The CSS property to change the border of an element to YIQ 122.2860, 47.3100, 34.6860 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(189, 87, 129) }
```


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

```
.border{ border-color:rgb(189, 87, 129) }
```

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

Here you see how a box with a 4 pixel rgb(189, 87, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 87, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 87, 129);  
box-shadow:4px 4px 4px 4px rgb(189, 87,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 122.2860, 47.3100, 34.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 87, 129) }
```

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

```
.background{ background-color: rgb(189, 87,  
129) }
```

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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