

Converting Colors

YIQ(111.6870, 47.8590, 41.2590)

Have a look what the booklet for
YIQ(111.6870, 47.8590, 41.2590)
contains.

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Color

**YIQ(111.6870, 47.8590,
41.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	B74881
RGB	183, 72, 129
RGB Percent	72%, 28%, 51%
CMY	0.2821, 0.7178, 0.4940
CMYK	0.00, 0.61, 0.30, 0.28
HSL	329°, 44%, 50%
HSV	329°, 61%, 72%
XYZ	25.8259, 16.2913, 22.5652
YIQ	111.6870, 47.8590, 41.2590

Conversions

Conversions Part 2

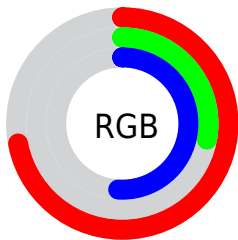
Format	Color
R_{YB}	183, 72, 129
Decimal	12011649
CIE _{Lab}	47.35, 50.77, -9.12
CIE _{LCh}	47, 51.583, 349.812
Yxy	16.2913, 0.3993, 0.2519
Android (android.graphics.Color)	4290201729 (0xFFB74881)
YUV	111.6870, 8.5353, 62.5415
Hunter-Lab	40.3625, 43.5785, -4.8931

Details

The YIQ color **111.6870, 47.8590, 41.2590** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **143.3130, -47.8590, -41.2590**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0680, 51.1600, 42.0080**, and **51.4900, 47.2160, 47.4080** is the 20% darker color. If you saturate the color by 10%, you get **100.0950, 55.6980, 47.8740**, and if you desaturate by 10%, it is **123.2790, 40.0200, 34.6440**.

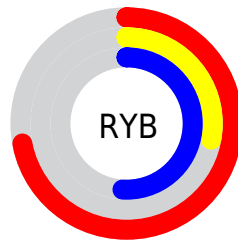
Distribution



Red (72%)

Green (28%)

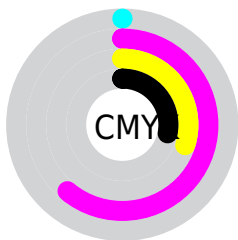
Blue (51%)



Red (72%)

Yellow (28%)

Blue (51%)

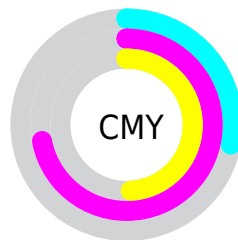


Cyan (0%)

Magenta (61%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (72%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.6870, 47.8590, 41.2590 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 111.6870, 47.8590, 41.2590 by changing the saturation by 10% instead.


 111.6870, 47.8590,
41.2590


 111.6870, 47.8590,
41.2590


255.0000, -0.0000,
-0.0000


 84.0290, 46.8960,
42.1920


 167.0680, 51.1600,
42.0080


 51.4900, 47.2160,
47.4080


 189.8820, 42.8160,
39.0400


 36.0990, 40.7070,
38.7150

 209.6240, 25.8070,
33.4150

 25.5180, 31.6770,
26.1490

 228.5850, 12.3750,
23.5350

 15.8340, 24.4350,
14.2190

 245.6080, 4.4000,
8.3680

 0.0000, 0.0000,
0.0000

■ 111.6870, 47.8590,
41.2590

■ 111.6870, 47.8590,
41.2590

■ 100.0950, 55.6980,
47.8740

■ 123.2790, 40.0200,
34.6440

■ 87.9160, 63.8120,
55.0120

■ 135.4580, 31.9060,
27.5060

■ 76.3240, 71.6510,
61.6270

■ 147.0500, 24.0670,
20.8910

■ 65.4330, 78.8940,
68.0300

■ 158.6420, 16.2280,
14.2760


■ 170.2340, 8.3890,
7.6610

■ 182.2990, 0.5960,
0.2120

■ 193.8910, -7.2430,
-6.4030

■ 205.4830,

-15.0820, -13.0180

 217.6620,
-23.1960, -20.1560

Harmonies

Analogous

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



115.7720, 10.9510, 38.3350



111.6870, 47.8590, 41.2590



108.8780, 65.8340, 29.3700

Triad

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



111.6870, 47.8590, 41.2590



103.8980, 25.2690, -33.9550



96.6020, -92.8880, -12.6320

Complementary

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



111.6870, 47.8590, 41.2590



143.3130, -47.8590, -41.2590

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.



94.0310, -81.5150, -26.0190



111.6870, 47.8590, 41.2590



96.7260, -21.2210, -39.4370

Square

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



111.6870, 47.8590, 41.2590



107.4120, 53.6010, -18.7750



88.4280, -67.1160, -39.1800



94.1860, -97.1080, -2.2280

Rectangle

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



111.6870, 47.8590, 41.2590



108.9900, 67.8540, 14.7820



88.4280, -67.1160, -39.1800



95.9350, -89.6320, -16.5760

Sweetspot

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



111.6870, 47.8590, 41.2590



209.3650, 18.5660, 15.9580



100.8000, -3.4470, 45.9690



102.6690, 11.5980, 10.0780



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



111.6870, 47.8590, 41.2590



125.8730, 74.5390, 64.3550



105.4170, 65.5140, 24.1540



86.1470, 4.0800, 3.1520



55.7640, 67.2960, 57.9520



9.9680, 12.1940, 10.2900

Inverse Universe

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



111.6870, 47.8590, 41.2590



125.8730, 74.5390, 64.3550



149.5830, -65.5140, -24.1540



86.1470, 4.0800, 3.1520



55.7640, 67.2960, 57.9520



9.9680, 12.1940, 10.2900

Previews

White Background



This preview shows how the YIQ color 111.6870, 47.8590, 41.2590 looks on a white background.

Color Contrast Check

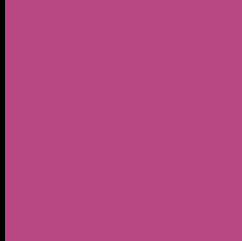
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 111.6870, 47.8590, 41.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

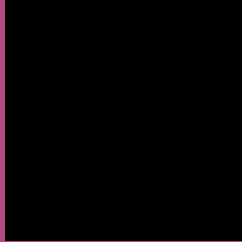
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.6870, 47.8590, 41.2590

Background



This preview shows how black text looks on a background with the YIQ color 111.6870, 47.8590, 41.2590.



This preview shows how white text looks on a background with the YIQ color 111.6870, 47.8590,

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

111.6870, 47.8590, 41.2590

Protanopia

112.8410, -21.0010, 11.6630

Deuteranopia

114.1730, 1.1910, 5.9510



Tritanopia

111.2850, 57.0780, 22.8540

Trichromacy



Original Color

111.6870, 47.8590, 41.2590

Protanomaly

112.4530, 3.9390, 22.2350

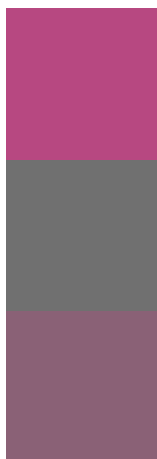
Deuteranomaly

113.0600, 18.1070, 18.7710

Tritanomaly

111.5330, 53.6840, 29.3000

Monochromacy



Original Color

111.6870, 47.8590, 41.2590

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.6530, 17.6950, 15.2230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.6870, 47.8590, 41.2590 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(183, 72, 129)` looks like.

```
.text, #text, p{  
    color:rgb(183, 72, 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(183, 72, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 72, 129) }
```

Border

The CSS property to change the border of an element to YIQ 111.6870, 47.8590, 41.2590 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(183, 72, 129) }
```


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

```
.border{ border-color:rgb(183, 72, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 72, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 72, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 72, 129);  
box-shadow:4px 4px 4px 4px rgb(183, 72,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 111.6870, 47.8590, 41.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 72, 129) }
```

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

```
.background{ background-color: rgb(183, 72,  
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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