

Converting Colors

YIQ(115.0810, 49.1450, 28.9610)

Have a look what the booklet for
YIQ(115.0810, 49.1450, 28.9610)
contains.

YIQ(115.0810, 49.1450, 28.9610)	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(115.0810, 49.1450,
28.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	B4536E
RGB	180, 83, 110
RGB Percent	71%, 33%, 43%
CMY	0.2939, 0.6746, 0.5685
CMYK	0.00, 0.54, 0.39, 0.29
HSL	343°, 39%, 52%
HSV	343°, 54%, 71%
XYZ	24.7441, 17.0179, 16.7452
YIQ	115.0810, 49.1450, 28.9610

Conversions

Conversions Part 2

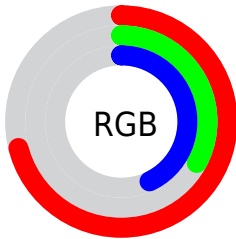
Format	Color
R_{YB}	180, 83, 110
Decimal	11817838
CIE _{Lab}	48.28, 42.18, 3.68
CIE _{LCh}	48, 42.342, 4.984
Yxy	17.0179, 0.4229, 0.2909
Android (android.graphics.Color)	4290007918 (0xFFB4536E)
YUV	115.0810, -2.5049, 56.9340
Hunter-Lab	41.2528, 34.8750, 4.8102

Details

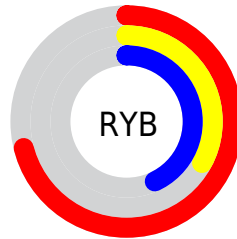
The YIQ color **115.0810, 49.1450, 28.9610** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **147.9190, -49.1450, -28.9610**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6470, 53.3630, 29.6110**, and **61.8680, 45.4310, 30.1910** is the 20% darker color. If you saturate the color by 10%, you get **103.0330, 58.2680, 34.3320**, and if you desaturate by 10%, it is **127.1290, 40.0220, 23.5900**.

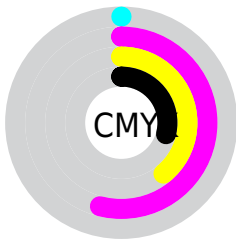
Distribution



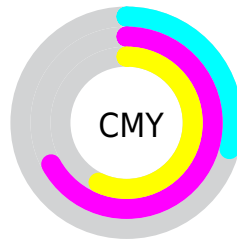
- Red (71%)
- Green (33%)
- Blue (43%)



- Red (71%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (54%)
- Yellow (39%)
- Black (29%)



- Cyan (29%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.0810, 49.1450, 28.9610 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 115.0810, 49.1450, 28.9610 by changing the saturation by 10% instead.

■ 115.0810, 49.1450,
28.9610

■ 115.0810, 49.1450,
28.9610

■ 255.0000, -0.0000,
-0.0000

■ 88.7110, 47.3110,
29.1590

■ 169.6470, 53.3630,
29.6110

■ 61.8680, 45.4310,
30.1910

■ 193.3580, 46.8070,
27.2790

■ 33.3780, 44.0550,
33.1030

■ 212.9860, 30.1190,
21.3430

■ 23.0250, 34.3830,
21.1590

■ 232.7280, 13.1100,
15.7180

■ 13.9820, 26.7740,
10.3740

■ 250.8910, 1.9250,
3.6610

■ 0.0000, 0.0000,
0.0000

■ 115.0810, 49.1450,
28.9610

■ 115.0810, 49.1450,
28.9610

■ 103.0330, 58.2680,
34.3320

■ 127.1290, 40.0220,
23.5900

■ 90.9850, 67.3910,
39.7030

■ 139.1770, 30.8990,
18.2190

■ 78.9370, 76.5140,
45.0740

■ 151.2250, 21.7760,
12.8480

■ 66.8890, 85.6370,
50.4450

■ 163.2730, 12.6530,
7.4770

■ 59.5200, 91.2300,
53.7100


■ 175.3210, 3.5300,
2.1060

■ 187.3690, -5.5930,
-3.2650

■ 199.4170,
-14.7160, -8.6360

■ 211.4650,

-23.8390, -14.0070

 223.5130,
-32.9620, -19.3780

Harmonies

Analogous

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



117.6240, 25.8070, 33.4150



115.0810, 49.1450, 28.9610



113.8300, 56.6210, 14.6130

Triad

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



115.0810, 49.1450, 28.9610



106.3380, 3.7190, -28.8650



94.3680, -92.1090, -10.2290

Complementary

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



115.0810, 49.1450, 28.9610



147.9190, -49.1450, -28.9610

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.



94.5670, -85.7800, -20.3080



115.0810, 49.1450, 28.9610



97.1340, -39.7450, -34.1210

Square

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



115.0810, 49.1450, 28.9610



110.5220, 32.7400, -20.6680



91.1640, -74.8200, -31.7160



106.9260, -57.9090, 8.7390

Rectangle

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



115.0810, 49.1450, 28.9610



113.0710, 53.9640, 2.1880



91.1640, -74.8200, -31.7160



94.8580, -90.7330, -13.1410

Sweetspot

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



115.0810, 49.1450, 28.9610



209.6160, 19.1170, 11.4770



114.9880, 10.5830, 45.0070



102.2620, 11.1860, 6.5300



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



115.0810, 49.1450, 28.9610



132.6490, 77.3850, 45.8090



124.3300, 52.0370, 9.5810



83.0330, 4.4010, 2.8410



50.6490, 77.3850, 45.8090



8.5720, 13.2490, 7.6890

Inverse Universe

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



115.0810, 49.1450, 28.9610



132.6490, 77.3850, 45.8090



138.6700, -52.0370, -9.5810



83.0330, 4.4010, 2.8410



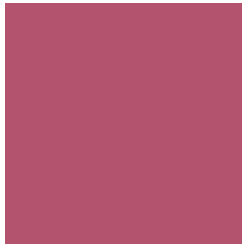
50.6490, 77.3850, 45.8090



8.5720, 13.2490, 7.6890

Previews

White Background



This preview shows how the YIQ color 115.0810, 49.1450, 28.9610 looks on a white background.

Color Contrast Check

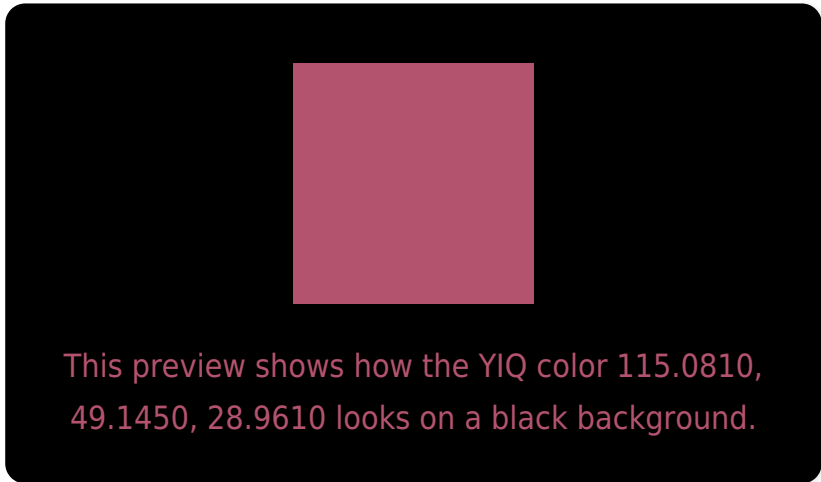
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

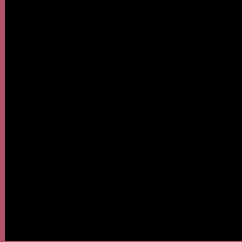
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.0810, 49.1450, 28.9610

Background



This preview shows how black text looks on a background with the YIQ color 115.0810, 49.1450, 28.9610.



This preview shows how white text looks on a background with the YIQ color 115.0810, 49.1450,

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

115.0810, 49.1450, 28.9610

Protanopia

115.2970, -5.0900, 4.1420

Deuteranopia

116.1110, 12.9290, 2.4730



Tritanopia

114.4910, 53.5020, 21.5820

Trichromacy



Original Color

115.0810, 49.1450, 28.9610

Protanomaly

115.2180, 14.4860, 12.8060

Deuteranomaly

115.7370, 26.0860, 11.8300

Tritanomaly

114.7020, 51.5300, 24.2820

Monochromacy



Original Color

115.0810, 49.1450, 28.9610

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9040, 18.2460, 10.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.0810, 49.1450, 28.9610 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(180, 83, 110)` looks like.

```
.text, #text, p{  
    color:rgb(180, 83, 110)  
}
```

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(180, 83, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 83, 110) }
```

Border

The CSS property to change the border of an element to YIQ 115.0810, 49.1450, 28.9610 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(180, 83, 110) }
```


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

```
.border{ border-color:rgb(180, 83, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 83, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 83, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 83, 110);  
box-shadow:4px 4px 4px 4px rgb(180, 83,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 115.0810, 49.1450, 28.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 83, 110) }
```

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

```
.background{ background-color: rgb(180, 83,  
110) }
```

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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