

Converting Colors

YIQ(115.4780, 29.1540, 33.3300)

Have a look what the booklet for
YIQ(115.4780, 29.1540, 33.3300)
contains.

YIQ(115.4780, 29.1540, 33.3300)	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(115.4780, 29.1540,
33.3300)**

Conversions

Conversions Part 1

Format	Color
Hex	A4568C
RGB	164, 86, 140
RGB Percent	64%, 34%, 55%
CMY	0.3566, 0.6629, 0.4509
CMYK	0.00, 0.48, 0.15, 0.36
HSL	318°, 31%, 49%
HSV	318°, 48%, 64%
XYZ	23.3816, 16.4428, 26.7597
YIQ	115.4780, 29.1540, 33.3300

Conversions

Conversions Part 2

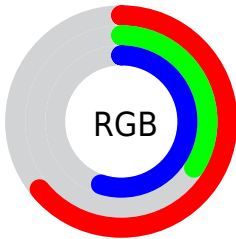
Format	Color
R_{YB}	164, 86, 140
Decimal	10770060
CIE _{Lab}	47.55, 39.37, -15.71
CIE _{LCh}	48, 42.386, 338.249
Yxy	16.4428, 0.3512, 0.2469
Android (android.graphics.Color)	4288960140 (0xFFA4568C)
YUV	115.4780, 12.0893, 42.5538
Hunter-Lab	40.5498, 31.9636, -10.7419

Details

The YIQ color **115.4780, 29.1540, 33.3300** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.5220, -29.1540, -33.3300**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2010, 31.4920, 35.0120**, and **64.2820, 26.7700, 32.4820** is the 20% darker color. If you saturate the color by 10%, you get **105.5160, 35.1590, 40.1430**, and if you desaturate by 10%, it is **125.4400, 23.1490, 26.5170**.

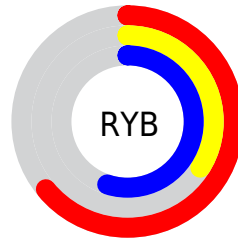
Distribution



Red (64%)

Green (34%)

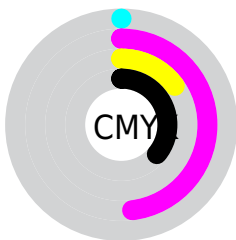
Blue (55%)



Red (64%)

Yellow (34%)

Blue (55%)

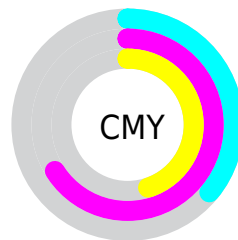


Cyan (0%)

Magenta (48%)

Yellow (15%)

Black (36%)



Cyan (36%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.4780, 29.1540, 33.3300 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 115.4780, 29.1540, 33.3300 by changing the saturation by 10% instead.

■ 115.4780, 29.1540,
33.3300

■ 115.4780, 29.1540,
33.3300

■ 255.0000, -0.0000,
-0.0000

■ 89.7660, 28.2830,
32.5950

■ 169.2010, 31.4920,
35.0120

■ 63.6950, 27.0450,
33.0050

■ 196.9130, 32.3630,
35.7470

■ 36.1620, 27.2280,
35.1960

■ 218.0360, 18.6550,
30.8710

■ 22.6570, 21.0400,
26.1920

■ 235.0420, 9.3500,
17.7820

■ 13.7990, 14.3480,
15.3080

■ 252.0650, 1.3750,
2.6150

■ 0.0000, 0.0000,
0.0000

■ 115.4780, 29.1540,
33.3300

■ 115.4780, 29.1540,
33.3300

■ 105.5160, 35.1590,
40.1430

■ 125.4400, 23.1490,
26.5170

■ 94.9670, 41.4390,
47.4790

■ 135.9890, 16.8690,
19.1810

■ 85.0050, 47.4440,
54.2920

■ 145.9510, 10.8640,
12.3680

■ 74.4560, 53.7240,
61.6280

■ 156.5000, 4.5840,
5.0320

■ 64.4940, 59.7290,
68.4410

■ 166.4620, -1.4210,
-1.7810


■ 62.0320, 61.1500,
70.2220

■ 176.4240, -7.4260,
-8.5940

■ 186.9730,
-13.7060, -15.9300

■ 196.9350,

-19.7110, -22.7430

 207.4840,
-25.9910, -30.0790

Harmonies

Analogous

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



115.6510, -5.1860, 27.9180



115.4780, 29.1540, 33.3300



112.9240, 51.0250, 27.9290

Triad

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



115.4780, 29.1540, 33.3300



108.0270, 29.7600, -21.7280



93.5070, -85.5510, -18.9510

Complementary

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



115.4780, 29.1540, 33.3300



134.5220, -29.1540, -33.3300

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.



90.8050, -75.1870, -30.5710



115.4780, 29.1540, 33.3300



103.7720, -0.4990, -29.5150

Square

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



115.4780, 29.1540, 33.3300



110.4630, 49.5640, -6.1800



92.5890, -48.4560, -35.9440



93.1940, -91.5590, -9.1830

Rectangle

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



115.4780, 29.1540, 33.3300



112.0520, 56.1160, 18.2600



92.5890, -48.4560, -35.9440



92.9540, -82.6160, -22.5840

Sweetspot

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



115.4780, 29.1540, 33.3300



195.3640, 11.1390, 12.8910



101.7690, -11.3300, 29.1340



95.7500, 6.8760, 7.5480



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



115.4780, 29.1540, 33.3300



138.1680, 45.4270, 52.2990



111.1460, 41.3520, 21.5120



76.3750, 3.4380, 3.7740



54.8690, 53.9990, 62.1510



6.7500, 6.8760, 7.5480

Inverse Universe

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



115.4780, 29.1540, 33.3300



138.1680, 45.4270, 52.2990



138.8540, -41.3520, -21.5120



76.3750, 3.4380, 3.7740



54.8690, 53.9990, 62.1510



6.7500, 6.8760, 7.5480

Previews

White Background



This preview shows how the YIQ color 115.4780, 29.1540, 33.3300 looks on a white background.

Color Contrast Check

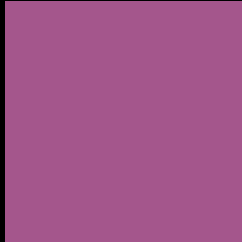
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.4780, 29.1540, 33.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

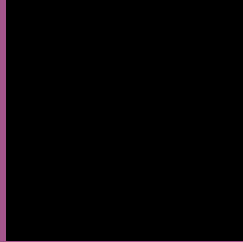
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.4780, 29.1540, 33.3300

Background



This preview shows how black text looks on a background with the YIQ color 115.4780, 29.1540, 33.3300.



This preview shows how white text looks on a background with the YIQ color 115.4780, 29.1540,

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

115.4780, 29.1540, 33.3300

Protanopia

113.4710, -22.8350, 11.8610

Deuteranopia

114.4480, -6.8330, 8.1990



Tritanopia

114.5320, 37.0890, 16.1690

Trichromacy



Original Color

115.4780, 29.1540, 33.3300

Protanomaly

114.5660, -3.8090, 19.4790

Deuteranomaly

114.9600, 6.6450, 17.2450

Tritanomaly

114.6660, 34.0160, 22.3040

Monochromacy



Original Color

115.4780, 29.1540, 33.3300

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9510, 10.8640, 12.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.4780, 29.1540, 33.3300 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(164, 86, 140)` looks like.

```
.text, #text, p{  
    color:rgb(164, 86, 140)  
}
```

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(164, 86, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 86, 140) }
```

Border

The CSS property to change the border of an element to YIQ 115.4780, 29.1540, 33.3300 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(164, 86, 140) }
```


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

```
.border{ border-color:rgb(164, 86, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 86, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 86, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 86, 140);  
box-shadow:4px 4px 4px 4px rgb(164, 86,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 115.4780, 29.1540, 33.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 86, 140) }
```

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

```
.background{ background-color: rgb(164, 86,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor