

Converting Colors

YIQ(116.3330, 31.9010, 55.1410)

Have a look what the booklet for
YIQ(116.3330, 31.9010, 55.1410)
contains.

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Color

**YIQ(116.3330, 31.9010,
55.1410)**

Conversions

Conversions Part 1

Format	Color
Hex	B548AF
RGB	181, 72, 175
RGB Percent	71%, 28%, 69%
CMY	0.2899, 0.7178, 0.3137
CMYK	0.00, 0.60, 0.03, 0.29
HSL	303°, 43%, 50%
HSV	303°, 60%, 71%
XYZ	29.1289, 17.5582, 42.4174
YIQ	116.3330, 31.9010, 55.1410

Conversions

Conversions Part 2

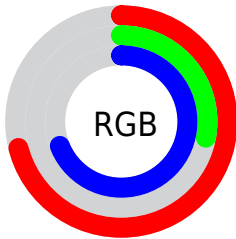
Format	Color
RYB	181, 72, 175
Decimal	11880623
CIELab	48.96, 57.12, -34.08
CIELCh	49, 66.515, 329.182
Yxy	17.5582, 0.3269, 0.1971
Android (android.graphics.Color)	4290070703 (0xFFB548AF)
YUV	116.3330, 28.9228, 56.7130
Hunter-Lab	41.9025, 50.7564, -30.6868

Details

The YIQ color **116.3330, 31.9010, 55.1410** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **136.6670, -31.9010, -55.1410**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3440, 33.3680, 56.0880**, and **52.4570, 34.7880, 63.3960** is the 20% darker color. If you saturate the color by 10%, you get **105.6530, 37.1720, 64.2440**, and if you desaturate by 10%, it is **127.0130, 26.6300, 46.0380**.

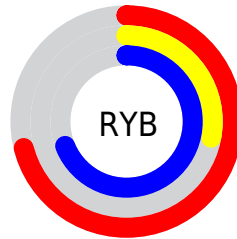
Distribution



Red (71%)

Green (28%)

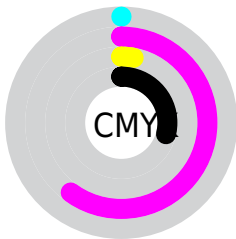
Blue (69%)



Red (71%)

Yellow (28%)

Blue (69%)

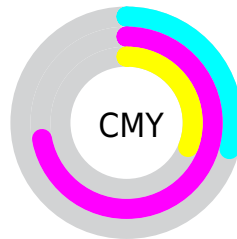


Cyan (0%)

Magenta (60%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (72%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.3330, 31.9010, 55.1410 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 116.3330, 31.9010, 55.1410 by changing the saturation by 10% instead.

■ 116.3330, 31.9010,
55.1410

■ 116.3330, 31.9010,
55.1410

■ 255.0000, -0.0000,
-0.0000

■ 87.8600, 31.8550,
55.9750

■ 172.3440, 33.3680,
56.0880

■ 52.4570, 34.7880,
63.3960

■ 195.7130, 27.7750,
52.8230

■ 40.3600, 27.2710,
50.9430

■ 212.7360, 19.8000,
37.6560

■ 29.5510, 18.8830,
37.7550

■ 229.1720, 12.1000,
23.0120

■ 20.0520, 12.5580,
25.7260

■ 246.1950, 4.1250,
7.8450

■ 5.1710, -4.4950,
9.8810

■ 0.0000, 0.0000,

0.0000

■ 116.3330, 31.9010,
55.1410

■ 116.3330, 31.9010,
55.1410

■ 105.6530, 37.1720,
64.2440

■ 127.0130, 26.6300,
46.0380

■ 94.9730, 42.4430,
73.3470

■ 137.6930, 21.3590,
36.9350

■ 84.2930, 47.7140,
82.4500

■ 148.3730, 16.0880,
27.8320

■ 73.6130, 52.9850,
91.5530

■ 159.0530, 10.8170,
18.7290

■ 170.3200, 5.2710,
9.1030

■ 181.0000, -0.0000,
0.0000

■ 191.6800, -5.2710,
-9.1030

■ 202.3600,
-10.5420, -18.2060

■ 213.0400,
-15.8130, -27.3090

Harmonies

Analogous

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



116.4910, -33.6140, 36.5140



116.3330, 31.9010, 55.1410



105.8310, 74.3570, 56.6370

Triad

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



116.3330, 31.9010, 55.1410



108.7890, 53.5570, -28.9950



102.1470, -93.3450, -20.8730

Complementary

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



116.3330, 31.9010, 55.1410



136.6670, -31.9010, -55.1410

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.



95.6490, -75.0480, -38.6000



116.3330, 31.9010, 55.1410



101.4370, 15.7810, -49.2350

Square

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



116.3330, 31.9010, 55.1410



108.3020, 83.6300, -6.8180



86.5750, -55.0090, -54.8570



104.1140, -105.7730, -4.8850

Rectangle

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



116.3330, 31.9010, 55.1410



105.1460, 86.0510, 42.9390



86.5750, -55.0090, -54.8570



100.0950, -87.5670, -26.4710

Sweetspot

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



116.3330, 31.9010, 55.1410



209.4170, 12.7880, 21.5560



85.9210, -32.0090, 34.9590



101.6240, 7.4710, 13.2870



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.



116.3330, 31.9010, 55.1410



134.6570, 49.6850, 85.2770



110.1770, 49.2350, 38.3470



86.6030, 2.7960, 4.3960



63.4020, 45.7890, 78.7890



11.3360, 8.3420, 14.0220

Inverse Universe

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



116.3330, 31.9010, 55.1410



134.6570, 49.6850, 85.2770



142.8230, -49.2350, -38.3470



86.6030, 2.7960, 4.3960



63.4020, 45.7890, 78.7890



11.3360, 8.3420, 14.0220

Previews

White Background



This preview shows how the YIQ color 116.3330, 31.9010, 55.1410 looks on a white background.

Color Contrast Check

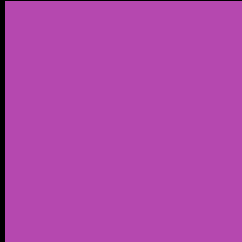
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.3330, 31.9010, 55.1410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

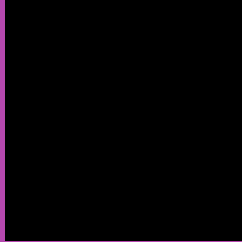
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.3330, 31.9010, 55.1410

Background



This preview shows how black text looks on a background with the YIQ color 116.3330, 31.9010, 55.1410.



This preview shows how white text looks on a background with the YIQ color 116.3330, 31.9010,

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

116.3330, 31.9010, 55.1410

Protanopia

111.7170, -58.2780, 20.9380

Deuteranopia

116.2470, -28.0160, 12.1440



Tritanopia

117.4190, 44.8370, 18.9250

Trichromacy



Original Color

116.3330, 31.9010, 55.1410

Protanomaly

113.6890, -25.5440, 33.4320

Deuteranomaly

116.4660, -6.1030, 28.0170

Tritanomaly

116.6980, 40.1580, 32.1420

Monochromacy



Original Color

116.3330, 31.9010, 55.1410

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.1780, 11.9630, 19.9870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.3330, 31.9010, 55.1410 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(181, 72, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 72, 175)  
}
```

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(181, 72, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 72, 175) }
```

Border

The CSS property to change the border of an element to YIQ 116.3330, 31.9010, 55.1410 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(181, 72, 175) }
```


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

```
.border{ border-color:rgb(181, 72, 175) }
```

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

Here you see how a box with a 4 pixel rgb(181, 72, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 72, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 72, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 72,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 116.3330, 31.9010, 55.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 72, 175) }
```

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

```
.background{ background-color: rgb(181, 72,  
175) }
```

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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