

Converting Colors

YIQ(115.6260, 31.4930, 29.4850)

Have a look what the booklet for
YIQ(115.6260, 31.4930, 29.4850)
contains.

YIQ(115.6260, 31.4930, 29.4850)	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(115.6260, 31.4930,
29.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	A45883
RGB	164, 88, 131
RGB Percent	64%, 35%, 51%
CMY	0.3567, 0.6550, 0.4862
CMYK	0.00, 0.46, 0.20, 0.36
HSL	326°, 30%, 49%
HSV	326°, 46%, 64%
XYZ	22.9062, 16.5117, 23.4608
YIQ	115.6260, 31.4930, 29.4850

Conversions

Conversions Part 2

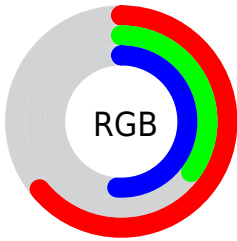
Format	Color
RYB	164, 88, 131
Decimal	10770563
CIELab	47.64, 36.85, -10.18
CIELCh	48, 38.229, 344.557
Yxy	16.5117, 0.3643, 0.2626
Android (android.graphics.Color)	4288960643 (0xFFA45883)
YUV	115.6260, 7.5794, 42.4240
Hunter-Lab	40.6346, 29.5121, -5.7875

Details

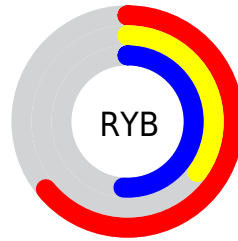
The YIQ color **115.6260, 31.4930, 29.4850** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **136.3740, -31.4930, -29.4850**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2350, 34.1520, 30.8560**, and **64.5440, 28.7880, 28.9480** is the 20% darker color. If you saturate the color by 10%, you get **105.4360, 38.1400, 35.6760**, and if you desaturate by 10%, it is **125.8160, 24.8460, 23.2940**.

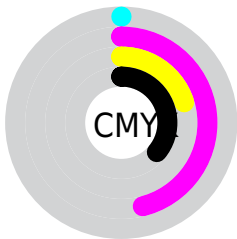
Distribution



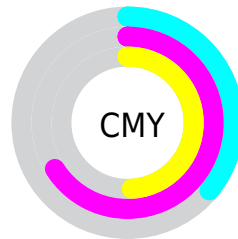
- Red (64%)
- Green (35%)
- Blue (51%)



- Red (64%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (46%)
- Yellow (20%)
- Black (36%)





- Cyan (36%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.6260, 31.4930, 29.4850 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 115.6260, 31.4930, 29.4850 by changing the saturation by 10% instead.


 115.6260, 31.4930,
29.4850


 115.6260, 31.4930,
29.4850


255.0000, -0.0000,
-0.0000


 90.0280, 30.3010,
29.0610


 169.2350, 34.1520,
30.8560


 64.5440, 28.7880,
28.9480


 196.9470, 35.0230,
31.5910

 38.2990, 28.1000,
30.4040

 218.0700, 21.3150,
26.7150

 21.8590, 23.2870,
24.0150

 236.2160, 8.8000,
16.7360

 13.0720, 17.8330,
12.7210

 253.2390, 0.8250,
1.5690

 0.0000, 0.0000,
0.0000

115.6260, 31.4930,
29.4850

115.6260, 31.4930,
29.4850

105.4360, 38.1400,
35.6760

125.8160, 24.8460,
23.2940

94.6590, 45.0620,
42.3900

136.5930, 17.9240,
16.5800

84.4690, 51.7090,
48.5810

146.7830, 11.2770,
10.3890

73.6920, 58.6310,
55.2950

157.6740, 4.0340,
3.9860

63.3880, 65.5990,
61.1750

167.8640, -2.6130,
-2.2050


59.6380, 67.8910,
63.6910

178.0540, -9.2600,
-8.3960

188.8310,
-16.1820, -15.1100

199.0210,

-22.8290, -21.3010

 209.7980,
-29.7510, -28.0150

Harmonies

Analogous

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



116.3160, 3.0670, 27.0270



115.6260, 31.4930, 29.4850



113.6800, 48.5960, 22.3880

Triad

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



115.6260, 31.4930, 29.4850



108.5470, 22.4240, -20.9360



92.4470, -85.3220, -17.5940

Complementary

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



115.6260, 31.4930, 29.4850



136.3740, -31.4930, -29.4850

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.



90.3150, -76.5630, -27.6590



115.6260, 31.4930, 29.4850



104.4170, -6.6890, -27.4650

Square

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



115.6260, 31.4930, 29.4850



110.9890, 42.0910, -8.4130



93.1420, -51.3910, -32.3110



90.9770, -89.4500, -8.8580

Rectangle

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



115.6260, 31.4930, 29.4850



112.5520, 51.5320, 13.2280



93.1420, -51.3910, -32.3110



92.1220, -83.0290, -20.6050

Sweetspot

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



115.6260, 31.4930, 29.4850



194.9080, 12.4230, 11.6470



106.5310, -4.7280, 30.6320



95.5220, 7.5180, 6.9260



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.



115.6260, 31.4930, 29.4850



137.6320, 49.6920, 46.5880



111.2940, 43.6910, 17.6670



76.2610, 3.7590, 3.4630



52.7030, 60.0980, 56.2420



6.5220, 7.5180, 6.9260

Inverse Universe

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



115.6260, 31.4930, 29.4850



137.6320, 49.6920, 46.5880



140.7060, -43.6910, -17.6670



76.2610, 3.7590, 3.4630



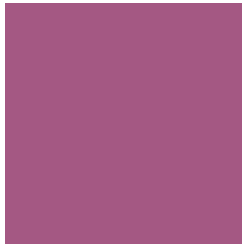
52.7030, 60.0980, 56.2420



6.5220, 7.5180, 6.9260

Previews

White Background



This preview shows how the YIQ color 115.6260, 31.4930, 29.4850 looks on a white background.

Color Contrast Check

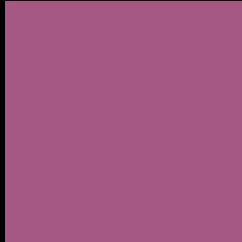
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.6260, 31.4930, 29.4850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

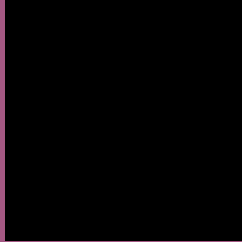
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.6260, 31.4930, 29.4850

Background



This preview shows how black text looks on a background with the YIQ color 115.6260, 31.4930, 29.4850.



This preview shows how white text looks on a background with the YIQ color 115.6260, 31.4930,

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

115.6260, 31.4930, 29.4850

Protanopia

113.7120, -16.3240, 9.5000

Deuteranopia

114.9170, -0.9640, 6.4600



Tritanopia

114.8310, 37.6850, 16.3810

Trichromacy



Original Color

115.6260, 31.4930, 29.4850

Protanomaly

114.3230, 1.1890, 17.0050

Deuteranomaly

115.4180, 11.0470, 14.5590

Tritanomaly

115.2100, 35.3000, 21.0600

Monochromacy



Original Color

115.6260, 31.4930, 29.4850

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.7830, 11.2770, 10.3890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.6260, 31.4930, 29.4850 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, 88, 131)` looks like.

```
.text, #text, p{  
    color:rgb(164, 88, 131)  
}
```

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, 88, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 88, 131) }
```

Border

The CSS property to change the border of an element to YIQ 115.6260, 31.4930, 29.4850 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, 88, 131) }
```


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

```
.border{ border-color:rgb(164, 88, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 88, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 88, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 88, 131);  
box-shadow:4px 4px 4px 4px rgb(164, 88,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 115.6260, 31.4930, 29.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 88, 131) }
```

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

```
.background{ background-color: rgb(164, 88,  
131) }
```

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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