

Converting Colors

YIQ(136.2930, 19.0690, 23.3650)

Have a look what the booklet for
YIQ(136.2930, 19.0690, 23.3650)
contains.

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Color

**YIQ(136.2930, 19.0690,
23.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	A9749B
RGB	169, 116, 155
RGB Percent	66%, 45%, 61%
CMY	0.3371, 0.5452, 0.3921
CMYK	0.00, 0.31, 0.08, 0.34
HSL	316°, 24%, 56%
HSV	316°, 31%, 66%
XYZ	28.5306, 23.2919, 34.0075
YIQ	136.2930, 19.0690, 23.3650

Conversions

Conversions Part 2

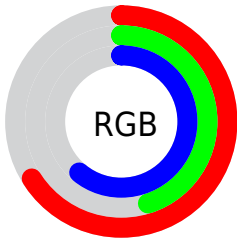
Format	Color
R_{YB}	169, 116, 155
Decimal	11105435
CIE _{Lab}	55.37, 27.14, -12.64
CIE _{LCh}	55, 29.944, 335.028
Yxy	23.2919, 0.3324, 0.2714
Android (android.graphics.Color)	4289295515 (0xFFA9749B)
YUV	136.2930, 9.2226, 28.6840
Hunter-Lab	48.2617, 21.0651, -7.9955

Details

The YIQ color **136.2930, 19.0690, 23.3650** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **148.7070, -19.0690, -23.3650**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3040, 20.5360, 24.3120**, and **85.8690, 17.3270, 21.8950** is the 20% darker color. If you saturate the color by 10%, you get **125.8580, 25.0280, 31.0120**, and if you desaturate by 10%, it is **146.7280, 13.1100, 15.7180**.

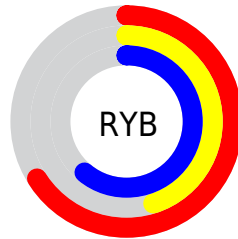
Distribution



Red (66%)

Green (45%)

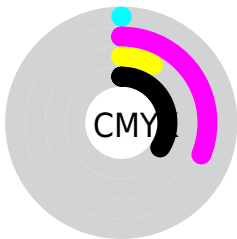
Blue (61%)



Red (66%)

Yellow (45%)

Blue (61%)

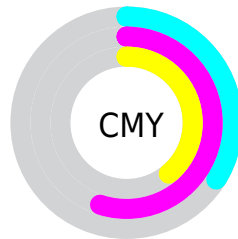


Cyan (0%)

Magenta (31%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (55%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.2930, 19.0690, 23.3650 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 136.2930, 19.0690, 23.3650 by changing the saturation by 10% instead.

136.2930, 19.0690,
23.3650

136.2930, 19.0690,
23.3650

255.0000, -0.0000,
-0.0000

110.5810, 18.1980,
22.6300

190.3040, 20.5360,
24.3120

85.8690, 17.3270,
21.8950

218.1300, 21.0860,
25.3580

61.5700, 16.7310,
21.6830

236.8030, 8.5250,
16.2130

38.5590, 15.2640,
20.7360

253.8260, 0.5500,
1.0460

16.8470, 14.3930,
20.0010

5.2550, 3.8960,
6.4880

0.0000, 0.0000,

0.0000

■ 136.2930, 19.0690,
23.3650

■ 136.2930, 19.0690,
23.3650

■ 125.8580, 25.0280,
31.0120

■ 146.7280, 13.1100,
15.7180

■ 115.3090, 31.3080,
38.3480

■ 157.2770, 6.8300,
8.3820

■ 104.8740, 37.2670,
45.9950

■ 167.7120, 0.8710,
0.7350

■ 94.3250, 43.5470,
53.3310

■ 178.2610, -5.4090,
-6.6010

■ 83.8900, 49.5060,
60.9780

■ 188.6960,
-11.3680, -14.2480

■ 73.9280, 55.5110,
67.7910

■ 198.6580,
-17.3730, -21.0610

64.6670, 60.9200,
74.3920

209.0930,
-23.3320, -28.7080

219.6420,
-29.6120, -36.0440

222.4460,
-31.9960, -36.8920

Harmonies

Analogous

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



134.8970, -6.2390, 19.4650



136.2930, 19.0690, 23.3650



135.4550, 35.9880, 19.6040

Triad

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



136.2930, 19.0690, 23.3650



130.2580, 25.0360, -13.2040



113.4390, -73.6760, -19.4040

Complementary

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



136.2930, 19.0690, 23.3650



148.7070, -19.0690, -23.3650

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.



117.6400, -52.4930, -23.3490



136.2930, 19.0690, 23.3650



127.6080, 3.2590, -20.5250

Square

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



136.2930, 19.0690, 23.3650



132.8240, 38.4220, -2.4900



123.6680, -23.3330, -23.1810



121.1130, -60.4740, -5.3540

Rectangle

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



136.2930, 19.0690, 23.3650



134.4030, 41.7660, 14.0060



123.6680, -23.3330, -23.1810



113.4240, -69.3200, -21.2560

Sweetspot

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



136.2930, 19.0690, 23.3650



207.2770, 6.8300, 8.3820



125.9290, -9.2650, 19.2390



102.5000, 4.5840, 5.0320



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



136.2930, 19.0690, 23.3650



167.7710, 29.8870, 36.5670



133.3290, 27.4150, 15.2790



79.0760, 2.8420, 3.5620



56.6780, 53.2190, 65.2750



7.6900, 7.1050, 8.9050

Inverse Universe

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



136.2930, 19.0690, 23.3650



167.7710, 29.8870, 36.5670



151.6710, -27.4150, -15.2790



79.0760, 2.8420, 3.5620



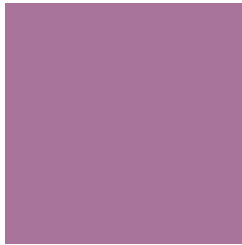
56.6780, 53.2190, 65.2750



7.6900, 7.1050, 8.9050

Previews

White Background



This preview shows how the YIQ color 136.2930, 19.0690, 23.3650 looks on a white background.

Color Contrast Check

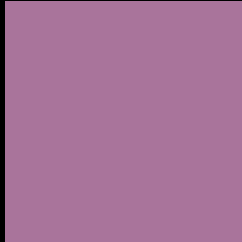
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 136.2930, 19.0690, 23.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

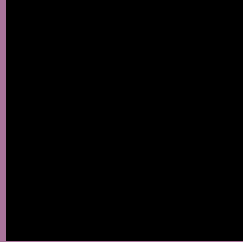
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.2930, 19.0690, 23.3650

Background



This preview shows how black text looks on a background with the YIQ color 136.2930, 19.0690, 23.3650.



This preview shows how white text looks on a background with the YIQ color 136.2930, 19.0690,

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

136.2930, 19.0690, 23.3650

Protanopia

133.7830, -15.0860, 9.0900

Deuteranopia

134.6010, -2.8900, 8.3260



Tritanopia

135.4810, 23.9310, 12.3390

Trichromacy



Original Color

136.2930, 19.0690, 23.3650

Protanomaly

134.5890, -2.6160, 14.3760

Deuteranomaly

135.3680, 5.3160, 13.7960

Tritanomaly

135.6320, 22.1880, 16.3960

Monochromacy



Original Color

136.2930, 19.0690, 23.3650

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.2770, 6.8300, 8.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.2930, 19.0690, 23.3650 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(169, 116, 155)` looks like.

```
.text, #text, p{  
    color:rgb(169, 116, 155)  
}
```

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(169, 116, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 116, 155) }
```

Border

The CSS property to change the border of an element to YIQ 136.2930, 19.0690, 23.3650 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(169, 116, 155) }
```


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

```
.border{ border-color:rgb(169, 116, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 116, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 116, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 116, 155);  
box-shadow:4px 4px 4px 4px rgb(169, 116,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 136.2930, 19.0690, 23.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 116, 155) }
```

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

```
.background{ background-color: rgb(169,  
116, 155) }
```

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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