

Converting Colors

YIQ(136.8800, 18.7940, 22.8420)

Have a look what the booklet for
YIQ(136.8800, 18.7940, 22.8420)
contains.

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Color

**YIQ(136.8800, 18.7940,
22.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	A9759B
RGB	169, 117, 155
RGB Percent	66%, 46%, 61%
CMY	0.3371, 0.5412, 0.3921
CMYK	0.00, 0.31, 0.08, 0.34
HSL	316°, 23%, 56%
HSV	316°, 31%, 66%
XYZ	28.6464, 23.5236, 34.0461
YIQ	136.8800, 18.7940, 22.8420

Conversions

Conversions Part 2

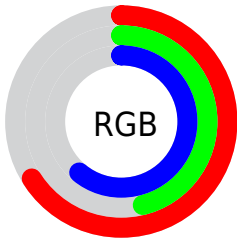
Format	Color
R_{YB}	169, 117, 155
Decimal	11105691
CIE _{Lab}	55.61, 26.58, -12.29
CIE _{LCh}	56, 29.282, 335.192
Yxy	23.5236, 0.3323, 0.2728
Android (android.graphics.Color)	4289295771 (0xFFA9759B)
YUV	136.8800, 8.9332, 28.1692
Hunter-Lab	48.5012, 20.5509, -7.6687

Details

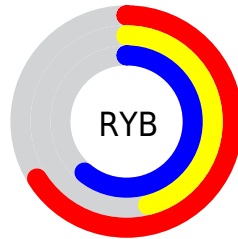
The YIQ color **136.8800, 18.7940, 22.8420** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **149.1200, -18.7940, -22.8420**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8910, 20.2610, 23.7890**, and **86.4560, 17.0520, 21.3720** is the 20% darker color. If you saturate the color by 10%, you get **126.3310, 25.0740, 30.1780**, and if you desaturate by 10%, it is **147.4290, 12.5140, 15.5060**.

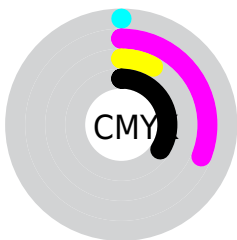
Distribution



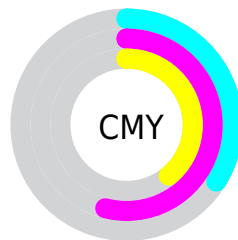
- Red (66%)
- Green (46%)
- Blue (61%)



- Red (66%)
- Yellow (46%)
- Blue (61%)



- Cyan (0%)
- Magenta (31%)
- Yellow (8%)
- Black (34%)



- Cyan (34%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.8800, 18.7940, 22.8420 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 136.8800, 18.7940, 22.8420 by changing the saturation by 10% instead.

■ 136.8800, 18.7940,
22.8420

■ 136.8800, 18.7940,
22.8420

255.0000, -0.0000,
-0.0000

■ 111.1680, 17.9230,
22.1070

■ 190.8910, 20.2610,
23.7890

■ 86.4560, 17.0520,
21.3720

■ 218.7170, 20.8110,
24.8350

■ 62.1570, 16.4560,
21.1600

■ 237.3900, 8.2500,
15.6900

■ 39.1460, 14.9890,
20.2130

254.4130, 0.2750,
0.5230

■ 16.8470, 14.3930,
20.0010

■ 5.5540, 4.4920,
6.7000

■ 0.0000, 0.0000,

0.0000

136.8800, 18.7940,
22.8420

136.8800, 18.7940,
22.8420

126.3310, 25.0740,
30.1780

147.4290, 12.5140,
15.5060

115.8960, 31.0330,
37.8250

157.8640, 6.5550,
7.8590

105.3470, 37.3130,
45.1610

168.4130, 0.2750,
0.5230

94.9120, 43.2720,
52.8080

178.8480, -5.6840,
-7.1240

84.3630, 49.5520,
60.1440

189.3970,
-11.9640, -14.4600

74.5150, 55.2360,
67.2680

199.2450,
-17.6480, -21.5840

64.5530, 61.2410,
74.0810

209.7940,
-23.9280, -28.9200

220.2290,
-29.8870, -36.5670

222.5600,
-32.3170, -36.5810

Harmonies

Analogous

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



135.7830, -5.9180, 19.1540



136.8800, 18.7940, 22.8420



136.1560, 35.3920, 19.3920

Triad

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



136.8800, 18.7940, 22.8420



131.0730, 24.1190, -13.1050



115.5320, -69.5040, -17.9200

Complementary

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



136.8800, 18.7940, 22.8420



149.1200, -18.7940, -22.8420

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.



118.9500, -50.4300, -22.1900



136.8800, 18.7940, 22.8420



128.1350, 3.2130, -19.6910

Square

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



136.8800, 18.7940, 22.8420



133.0520, 37.7800, -1.8680



124.0810, -23.0580, -22.6580



122.8960, -58.3650, -5.0290

Rectangle

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



136.8800, 18.7940, 22.8420



135.1040, 41.1700, 13.7940



124.0810, -23.0580, -22.6580



115.8050, -66.0190, -20.5070

Sweetspot

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



136.8800, 18.7940, 22.8420



207.2770, 6.8300, 8.3820



127.1140, -8.3480, 19.1400



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.



136.8800, 18.7940, 22.8420



168.9450, 29.3370, 35.5210



133.9160, 27.1400, 14.7560



79.0760, 2.8420, 3.5620



56.5640, 53.5400, 64.9640



7.6900, 7.1050, 8.9050

Inverse Universe

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



136.8800, 18.7940, 22.8420



168.9450, 29.3370, 35.5210



152.0840, -27.1400, -14.7560



79.0760, 2.8420, 3.5620



56.5640, 53.5400, 64.9640



7.6900, 7.1050, 8.9050

Previews

White Background



This preview shows how the YIQ color 136.8800, 18.7940, 22.8420 looks on a white background.

Color Contrast Check

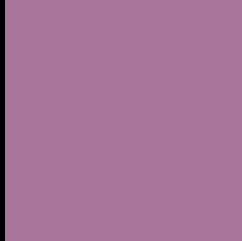
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8800, 18.7940, 22.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

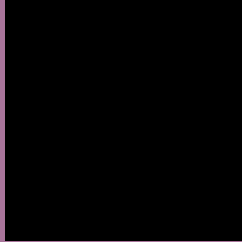
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.8800, 18.7940, 22.8420

Background



This preview shows how black text looks on a background with the YIQ color 136.8800, 18.7940, 22.8420.



This preview shows how white text looks on a background with the YIQ color 136.8800, 18.7940,

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

136.8800, 18.7940, 22.8420

Protanopia

133.9680, -14.1690, 8.9910

Deuteranopia

134.7150, -3.2110, 8.6370



Tritanopia

135.5950, 23.6100, 12.6500

Trichromacy



Original Color

136.8800, 18.7940, 22.8420

Protanomaly

135.3610, -1.9740, 13.7540

Deuteranomaly

135.4820, 4.9950, 14.1070

Tritanomaly

136.3330, 21.5920, 16.1840

Monochromacy



Original Color

136.8800, 18.7940, 22.8420

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2770, 6.8300, 8.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8800, 18.7940, 22.8420 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, 117, 155)` looks like.

```
.text, #text, p{  
    color:rgb(169, 117, 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, 117, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 117, 155) }
```

Border

The CSS property to change the border of an element to YIQ 136.8800, 18.7940, 22.8420 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, 117, 155) }
```


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

```
.border{ border-color:rgb(169, 117, 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, 117, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 117, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 117, 155);  
box-shadow:4px 4px 4px 4px rgb(169, 117,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8800, 18.7940, 22.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 117, 155) }
```

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

```
.background{ background-color: rgb(169,  
117, 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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