

Converting Colors

YIQ(132.6980, 30.9900, 22.0780)

Have a look what the booklet for
YIQ(132.6980, 30.9900, 22.0780)
contains.

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Color

**YIQ(132.6980, 30.9900,
22.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	B06E88
RGB	176, 110, 136
RGB Percent	69%, 43%, 53%
CMY	0.3096, 0.5687, 0.4666
CMYK	0.00, 0.38, 0.23, 0.31
HSL	336°, 29%, 56%
HSV	336°, 38%, 69%
XYZ	27.9332, 22.1595, 26.1073
YIQ	132.6980, 30.9900, 22.0780

Conversions

Conversions Part 2

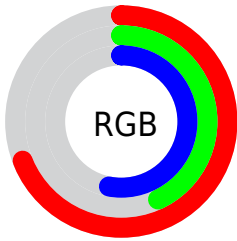
Format	Color
R_{YB}	176, 110, 136
Decimal	11562632
CIE _{Lab}	54.20, 29.86, -3.22
CIE _{LCh}	54, 30.033, 353.839
Yxy	22.1595, 0.3666, 0.2908
Android (android.graphics.Color)	4289752712 (0xFFB06E88)
YUV	132.6980, 1.6279, 37.9759
Hunter-Lab	47.0738, 23.5412, 0.0693

Details

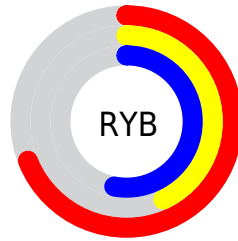
The YIQ color **132.6980, 30.9900, 22.0780** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **153.3020, -30.9900, -22.0780**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8940, 33.3740, 22.9260**, and **82.0890, 28.3310, 20.7070** is the 20% darker color. If you saturate the color by 10%, you get **120.8780, 39.4710, 28.0710**, and if you desaturate by 10%, it is **144.5180, 22.5090, 16.0850**.

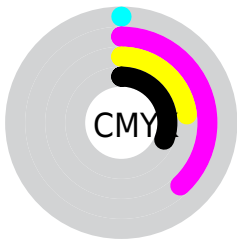
Distribution



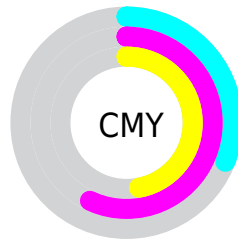
- Red (69%)
- Green (43%)
- Blue (53%)



- Red (69%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (31%)





- Cyan (31%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.6980, 30.9900, 22.0780 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 132.6980, 30.9900, 22.0780 by changing the saturation by 10% instead.


 132.6980, 30.9900,
22.0780


 132.6980, 30.9900,
22.0780

255.0000, -0.0000,
-0.0000


 107.1000, 29.7980,
21.6540


 186.8940, 33.3740,
22.9260

 82.0890, 28.3310,
20.7070


 212.5130, 30.0730,
22.1770


 57.6050, 26.8180,
20.5940

 232.1410, 13.3850,
16.2410

 33.5340, 25.5800,
21.0040

 250.3040, 2.2000,
4.1840

 16.4470, 21.2710,
16.4950

 3.5880, 7.1520,
2.5440

 0.0000, 0.0000,

0.0000

■ 132.6980, 30.9900,
22.0780

■ 132.6980, 30.9900,
22.0780

■ 120.8780, 39.4710,
28.0710

■ 144.5180, 22.5090,
16.0850

■ 109.7590, 47.3560,
33.8520

■ 155.6370, 14.6240,
10.3040

■ 97.9390, 55.8370,
39.8450

■ 167.4570, 6.1430,
4.3110

■ 86.7060, 64.0430,
45.3150

■ 178.6900, -2.0630,
-1.1590

■ 75.0000, 72.2030,
51.6190

■ 190.3960,
-10.2230, -7.4630

■ 63.1800, 80.6840,
57.6120

■ 202.2160,
-18.7040, -13.4560

■ 60.4900, 82.7470,
58.7710

■ 213.4490,
-26.9100, -18.9260

■ 225.1550,
-35.0700, -25.2300

■ 228.7570,
-39.7010, -23.9010

Harmonies

Analogous

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



133.2750, 10.3120, 22.3760



132.6980, 30.9900, 22.0780



131.5170, 41.4450, 14.3170

Triad

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



132.6980, 30.9900, 22.0780



125.5660, 12.2450, -18.1790



113.6340, -69.5510, -11.5590

Complementary

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



132.6980, 30.9900, 22.0780



153.3020, -30.9900, -22.0780

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.



109.7120, -70.1910, -21.9910



132.6980, 30.9900, 22.0780



122.0560, -12.7420, -22.3900

Square

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



132.6980, 30.9900, 22.0780



128.3020, 30.9040, -9.4160



116.5010, -41.8560, -23.3920



124.1090, -45.4830, 3.8050

Rectangle

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



132.6980, 30.9900, 22.0780



130.6600, 42.1800, 6.5000



116.5010, -41.8560, -23.3920



110.5360, -75.3270, -17.0150

Sweetspot

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



132.6980, 30.9900, 22.0780



212.9140, 12.2860, 8.6220



129.4840, 2.6540, 29.0060



105.1690, 7.0140, 5.0460



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



132.6980, 30.9900, 22.0780



161.7700, 48.8230, 34.7990



133.8430, 37.4110, 10.3310



83.1470, 4.0800, 3.1520



52.5870, 71.9280, 51.0960



8.9140, 12.2860, 8.6220

Inverse Universe

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



132.6980, 30.9900, 22.0780



161.7700, 48.8230, 34.7990



152.1570, -37.4110, -10.3310



83.1470, 4.0800, 3.1520



52.5870, 71.9280, 51.0960



8.9140, 12.2860, 8.6220

Previews

White Background



This preview shows how the YIQ color 132.6980, 30.9900, 22.0780 looks on a white background.

Color Contrast Check

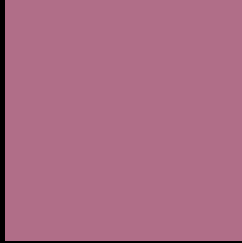
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.6980, 30.9900, 22.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

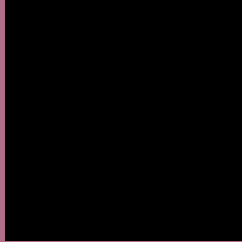
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.6980, 30.9900, 22.0780

Background



This preview shows how black text looks on a background with the YIQ color 132.6980, 30.9900, 22.0780.



This preview shows how white text looks on a background with the YIQ color 132.6980, 30.9900,

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

132.6980, 30.9900, 22.0780

Protanopia

130.5680, -7.2910, 5.4850

Deuteranopia

131.2830, 6.6930, 5.3570



Tritanopia

132.1510, 33.7880, 15.4200

Trichromacy



Original Color

132.6980, 30.9900, 22.0780

Protanomaly

131.3850, 6.6460, 11.7180

Deuteranomaly

131.7620, 15.7700, 11.5620

Tritanomaly

132.4330, 33.0540, 17.7100

Monochromacy



Original Color

132.6980, 30.9900, 22.0780

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2020, 11.4150, 7.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.6980, 30.9900, 22.0780 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(176, 110, 136)` looks like.

```
.text, #text, p{  
    color:rgb(176, 110, 136)  
}
```

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(176, 110, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 110, 136) }
```

Border

The CSS property to change the border of an element to YIQ 132.6980, 30.9900, 22.0780 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(176, 110, 136) }
```


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

```
.border{ border-color:rgb(176, 110, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 110, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 110, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 110, 136);  
box-shadow:4px 4px 4px 4px rgb(176, 110,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 132.6980, 30.9900, 22.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 110, 136) }
```

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

```
.background{ background-color: rgb(176,  
110, 136) }
```

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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