

Converting Colors

YIQ(130.7840, 1.5090, 22.2210)

Have a look what the booklet for
YIQ(130.7840, 1.5090, 22.2210)
contains.

| | |
|--|----|
| YIQ(130.7840, 1.5090, 22.2210) | 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(130.7840, 1.5090,
22.2210)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9274A7 |
| RGB | 146, 116, 167 |
| RGB Percent | 57%, 45%, 65% |
| CMY | 0.4273, 0.5451, 0.3451 |
| CMYK | 0.13, 0.31, 0.00, 0.35 |
| HSL | 275°, 22%, 55% |
| HSV | 275°, 31%, 65% |
| XYZ | 25.0770, 21.3910, 39.3623 |
| YIQ | 130.7840, 1.5090, 22.2210 |

Conversions

Conversions Part 2

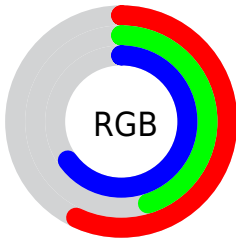
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 146, 116, 167 |
| Decimal | 9598119 |
| CIE Lab | 53.37, 21.66, -22.86 |
| CIE LCh | 53, 31.492, 313.450 |
| Yxy | 21.3910, 0.2922, 0.2492 |
| Android (android.graphics.Color) | 4287788199 (0xFF9274A7) |
| YUV | 130.7840, 17.8545, 13.3444 |
| Hunter-Lab | 46.2504, 15.8444, -18.0845 |

Details

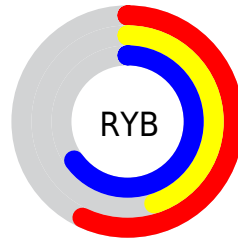
The YIQ color **130.7840, 1.5090, 22.2210** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **152.2160, -1.5090, -22.2210**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.7240, 1.7380, 23.5780**, and **80.8440, 1.2800, 20.8640** is the 20% darker color. If you saturate the color by 10%, you get **118.7120, 2.0120, 29.6280**, and if you desaturate by 10%, it is **142.8560, 1.0060, 14.8140**.

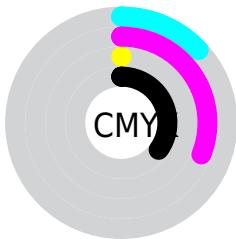
Distribution



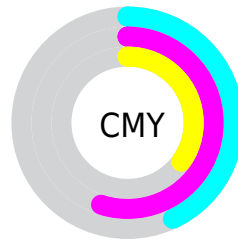
- Red (57%)
- Green (45%)
- Blue (65%)



- Red (57%)
- Yellow (45%)
- Blue (65%)



- Cyan (13%)
- Magenta (31%)
- Yellow (0%)
- Black (35%)



- Cyan (43%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.7840, 1.5090, 22.2210 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 130.7840, 1.5090, 22.2210 by changing the saturation by 10% instead.

■ 130.7840, 1.5090,
22.2210

■ 130.7840, 1.5090,
22.2210

■ 255.0000, -0.0000,
-0.0000

■ 105.2570, 1.5550,
21.3870

■ 184.0230, 2.3340,
23.7900

■ 80.8440, 1.2800,
20.8640

■ 212.1370, 2.0130,
24.1010

■ 57.6050, 0.4550,
19.2950

■ 236.8030, 8.5250,
16.2130

■ 35.0780, 0.5010,
18.4610

■ 253.2390, 0.8250,
1.5690

■ 13.0890, 1.9680,
19.4080

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,

0.0000

■ 130.7840, 1.5090,
22.2210

■ 130.7840, 1.5090,
22.2210

■ 118.7120, 2.0120,
29.6280

■ 142.8560, 1.0060,
14.8140

■ 107.2270, 2.2400,
36.5120

■ 154.3410, 0.7780,
7.9300

■ 95.1550, 2.7430,
43.9190

■ 166.4130, 0.2750,
0.5230

■ 83.3820, 3.8420,
51.5380

■ 178.1860, -0.8240,
-7.0960

■ 71.3100, 4.3450,
58.9450

■ 189.6710, -1.0520,
-13.9800

■ 59.8250, 4.5730,
65.8290

■ 201.7430, -1.5550,
-21.3870

■ 48.3400, 4.8010,
72.7130

■ 213.8150, -2.0580,
-28.7940

■ 225.8870, -2.5610,
-36.2010

■ 230.9150, 0.2360,
-37.3320

Harmonies

Analogous

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



126.7740, -28.0620, 12.9780



130.7840, 1.5090, 22.2210



130.9410, 25.9920, 24.5520

Triad

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



130.7840, 1.5090, 22.2210



126.9330, 36.4970, -6.1510



106.0770, -69.9610, -26.1610

Complementary

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



130.7840, 1.5090, 22.2210



152.2160, -1.5090, -22.2210

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.



115.7530, -33.8780, -24.8060



130.7840, 1.5090, 22.2210



124.5130, 19.7640, -16.7800

Square

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



130.7840, 1.5090, 22.2210



128.4430, 44.2890, 6.8250



121.1340, -4.2140, -22.7580



100.8760, -91.1440, -22.2160

Rectangle

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



130.7840, 1.5090, 22.2210



129.9930, 37.4090, 21.3850



121.1340, -4.2140, -22.7580



110.1340, -56.9400, -25.3560

Sweetspot

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



130.7840, 1.5090, 22.2210



202.8680, 0.7320, 8.7640



134.1410, -22.1460, 4.8780



101.4610, 0.3200, 5.2160



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.



130.7840, 1.5090, 22.2210



160.1730, 2.3320, 34.8440



136.6070, 15.3090, 25.4290



78.4070, 0.4120, 3.5480



42.8850, 4.3440, 64.4720



5.8680, 0.7320, 8.7640

Inverse Universe

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



133.6430, 23.6550, 17.3430



164.6820, 37.0870, 27.2230



146.3930, -15.3090, -25.4290



78.7340, 3.8050, 2.6290



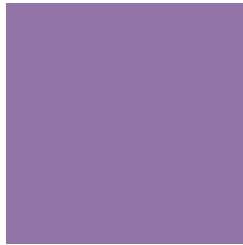
51.2060, 68.6270, 50.3470



6.8920, 9.3520, 6.7280

Previews

White Background



This preview shows how the YIQ color 130.7840, 1.5090, 22.2210 looks on a white background.

Color Contrast Check

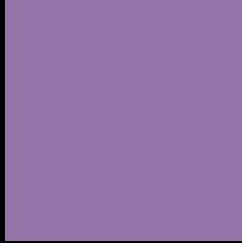
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.7840, 1.5090, 22.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

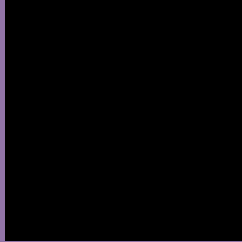
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.7840, 1.5090, 22.2210

Background



This preview shows how black text looks on a background with the YIQ color 130.7840, 1.5090, 22.2210.



This preview shows how white text looks on a background with the YIQ color 130.7840, 1.5090,

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

130.7840, 1.5090, 22.2210

Protanopia

127.6990, -23.4770, 12.4830

Deuteranopia

128.0650, -15.8200, 11.3800



Tritanopia

129.4080, 7.8390, 6.6150

Trichromacy



Original Color

130.7840, 1.5090, 22.2210

Protanomaly

128.5970, -14.2620, 16.1860

Deuteranomaly

129.1090, -9.9520, 15.1680

Tritanomaly

129.7270, 5.6830, 12.6510

Monochromacy



Original Color

130.7840, 1.5090, 22.2210

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.7840, 1.5090, 22.2210 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(146, 116, 167)` looks like.

```
.text, #text, p{  
    color:rgb(146, 116, 167)  
}
```

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(146, 116, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 116, 167) }
```

Border

The CSS property to change the border of an element to YIQ 130.7840, 1.5090, 22.2210 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(146, 116, 167) }
```


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

```
.border{ border-color:rgb(146, 116, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 116, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 116, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 116, 167);  
box-shadow:4px 4px 4px 4px rgb(146, 116,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 130.7840, 1.5090, 22.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 116, 167) }
```

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

```
.background{ background-color: rgb(146,  
116, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor