

Converting Colors

YIQ(131.2680, 3.0220, 22.3340)

Have a look what the booklet for
YIQ(131.2680, 3.0220, 22.3340)
contains.

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Color

**YIQ(131.2680, 3.0220,
22.3340)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9474A6 |
| RGB | 148, 116, 166 |
| RGB Percent | 58%, 45%, 65% |
| CMY | 0.4195, 0.5451, 0.3490 |
| CMYK | 0.11, 0.30, 0.00, 0.35 |
| HSL | 278°, 22%, 55% |
| HSV | 278°, 30%, 65% |
| XYZ | 25.3439, 21.5391, 38.8948 |
| YIQ | 131.2680, 3.0220, 22.3340 |

Conversions

Conversions Part 2

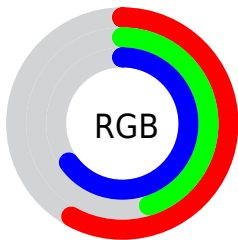
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 148, 116, 166 |
| Decimal | 9729190 |
| CIE _{Lab} | 53.53, 22.10, -22.02 |
| CIE _{LCh} | 54, 31.201, 315.107 |
| Yxy | 21.5391, 0.2955, 0.2511 |
| Android (android.graphics.Color) | 4287919270 (0xFF9474A6) |
| YUV | 131.2680, 17.1229, 14.6740 |
| Hunter-Lab | 46.4102, 16.2580, -17.2018 |

Details

The YIQ color **131.2680, 3.0220, 22.3340** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **150.7320, -3.0220, -22.3340**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.5070, 3.8470, 23.9030**, and **81.3280, 2.7930, 20.9770** is the 20% darker color. If you saturate the color by 10%, you get **119.4950, 4.1210, 29.9530**, and if you desaturate by 10%, it is **143.0410, 1.9230, 14.7150**.

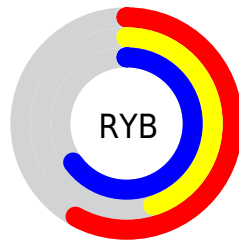
Distribution



Red (58%)

Green (45%)

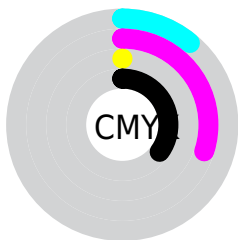
Blue (65%)



Red (58%)

Yellow (45%)

Blue (65%)

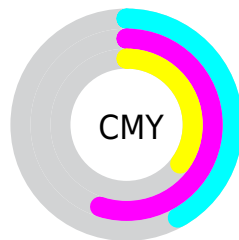


Cyan (11%)

Magenta (30%)

Yellow (0%)

Black (35%)



Cyan (42%)


Magenta (55%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.2680, 3.0220, 22.3340 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 131.2680, 3.0220, 22.3340 by changing the saturation by 10% instead.

 131.2680, 3.0220,
22.3340


 131.2680, 3.0220,
22.3340

255.0000, -0.0000,
-0.0000

 105.8550, 2.7470,
21.8110

 184.5070, 3.8470,
23.9030

 81.3280, 2.7930,
20.9770

 212.6210, 3.5260,
24.2140


 58.0890, 1.9680,
19.4080

 236.8030, 8.5250,
16.2130

 35.6760, 1.6930,
18.8850

 253.2390, 0.8250,
1.5690

 13.2740, 2.8850,
19.3090

 3.0950, -7.3370,
6.3190

 0.0000, 0.0000,

0.0000

■ 131.2680, 3.0220,
22.3340

■ 131.2680, 3.0220,
22.3340

■ 119.4950, 4.1210,
29.9530

■ 143.0410, 1.9230,
14.7150

■ 108.3090, 4.9450,
37.0490

■ 154.2270, 1.0990,
7.6190

■ 96.5360, 6.0440,
44.6680

■ 166.0000, -0.0000,
0.0000

■ 85.3500, 6.8680,
51.7640

■ 177.1860, -0.8240,
-7.0960

■ 73.5770, 7.9670,
59.3830

■ 188.9590, -1.9230,
-14.7150

■ 61.8040, 9.0660,
67.0020

■ 200.7320, -3.0220,
-22.3340

■ 50.6180, 9.8900,
74.0980

■ 211.9180, -3.8460,
-29.4300

■ 223.6910, -4.9450,
-37.0490

■ 229.0070, -3.0190,
-38.9150

Harmonies

Analogous

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



127.6710, -26.2740, 13.6140



131.2680, 3.0220, 22.3340



131.0120, 27.2300, 24.1420

Triad

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



131.2680, 3.0220, 22.3340



127.2210, 35.6260, -6.8860



106.6040, -70.0070, -25.3270

Complementary

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



131.2680, 3.0220, 22.3340



150.7320, -3.0220, -22.3340

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.



115.6820, -35.1160, -24.3960



131.2680, 3.0220, 22.3340



124.9150, 18.5720, -17.2040

Square

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



131.2680, 3.0220, 22.3340



129.0300, 44.0140, 6.3020



121.0630, -5.4520, -22.3480



103.3820, -86.6970, -20.2090

Rectangle

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



131.2680, 3.0220, 22.3340



130.4660, 37.4550, 20.5510



121.0630, -5.4520, -22.3480



110.3620, -57.5820, -24.7340

Sweetspot

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



131.2680, 3.0220, 22.3340



203.1670, 1.3280, 8.9760



132.2660, -21.0000, 6.1360



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.



131.2680, 3.0220, 22.3340



162.8420, 4.7620, 34.8580



135.8520, 15.9970, 23.9730



78.4070, 0.4120, 3.5480



45.2770, 9.1120, 66.1680



6.1670, 1.3280, 8.9760

Inverse Universe

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



133.0020, 24.0220, 16.1980



165.5140, 37.5000, 25.2440



146.1480, -15.9970, -23.9730



78.7340, 3.8050, 2.6290



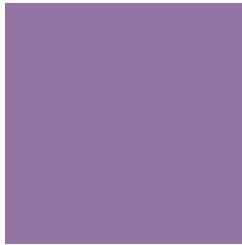
50.2940, 71.1950, 47.8590



6.7780, 9.6730, 6.4170

Previews

White Background



This preview shows how the YIQ color 131.2680, 3.0220, 22.3340 looks on a white background.

Color Contrast Check

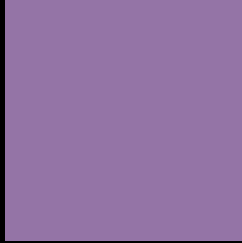
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.2680, 3.0220, 22.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

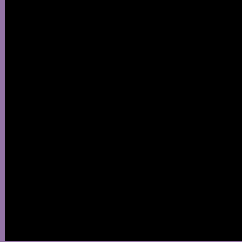
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.2680, 3.0220, 22.3340

Background



This preview shows how black text looks on a background with the YIQ color 131.2680, 3.0220, 22.3340.



This preview shows how white text looks on a background with the YIQ color 131.2680, 3.0220,

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

131.2680, 3.0220, 22.3340

Protanopia

127.8840, -22.5600, 12.3840

Deuteranopia

129.1360, -14.5820, 10.9700



Tritanopia

130.0060, 9.0310, 7.0390

Trichromacy



Original Color

131.2680, 3.0220, 22.3340

Protanomaly

128.7820, -13.3450, 16.0870

Deuteranomaly

129.5930, -8.4390, 15.2810

Tritanomaly

130.2110, 7.1960, 12.7640

Monochromacy



Original Color

131.2680, 3.0220, 22.3340

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.3410, 0.7780, 7.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.2680, 3.0220, 22.3340 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(148, 116, 166)` looks like.

```
.text, #text, p{  
    color:rgb(148, 116, 166)  
}
```

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(148, 116, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 116, 166) }
```

Border

The CSS property to change the border of an element to YIQ 131.2680, 3.0220, 22.3340 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(148, 116, 166) }
```


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

```
.border{ border-color:rgb(148, 116, 166) }
```

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

Here you see how a box with a 4 pixel rgb(148, 116, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 116, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 116, 166);  
box-shadow:4px 4px 4px 4px rgb(148, 116,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 131.2680, 3.0220, 22.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 116, 166) }
```

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

```
.background{ background-color: rgb(148,  
116, 166) }
```

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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