

Converting Colors

YIQ(127.5310, 21.6350, 31.9310)

Have a look what the booklet for
YIQ(127.5310, 21.6350, 31.9310)
contains.

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Color

**YIQ(127.5310, 21.6350,
31.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	A8659E
RGB	168, 101, 158
RGB Percent	66%, 40%, 62%
CMY	0.3410, 0.6040, 0.3803
CMYK	0.00, 0.40, 0.06, 0.34
HSL	309°, 28%, 53%
HSV	309°, 40%, 66%
XYZ	26.9825, 20.1012, 34.8103
YIQ	127.5310, 21.6350, 31.9310

Conversions

Conversions Part 2

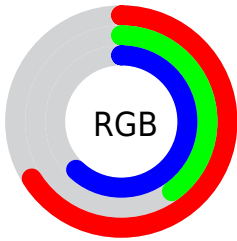
Format	Color
R _Y B	168, 101, 158
Decimal	11036062
CIE Lab	51.95, 35.72, -19.60
CIE LCh	52, 40.742, 331.247
Yxy	20.1012, 0.3295, 0.2455
Android (android.graphics.Color)	4289226142 (0xFFA8659E)
YUV	127.5310, 15.0212, 35.4913
Hunter-Lab	44.8344, 28.9657, -14.6500

Details

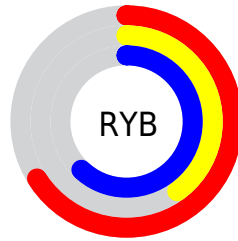
The YIQ color **127.5310, 21.6350, 31.9310** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.4690, -21.6350, -31.9310**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.0690, 23.0560, 33.7120**, and **76.1070, 19.8930, 30.4610** is the 20% darker color. If you saturate the color by 10%, you get **117.2100, 27.2730, 39.8890**, and if you desaturate by 10%, it is **137.8520, 15.9970, 23.9730**.

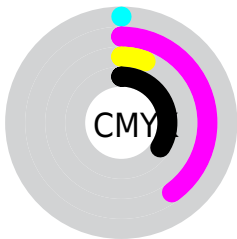
Distribution



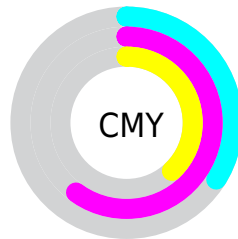
- Red (66%)
- Green (40%)
- Blue (62%)



- Red (66%)
- Yellow (40%)
- Blue (62%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (34%)



- Cyan (34%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.5310, 21.6350, 31.9310 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 127.5310, 21.6350, 31.9310 by changing the saturation by 10% instead.

■ 127.5310, 21.6350,
31.9310

■ 127.5310, 21.6350,
31.9310

■ 255.0000, -0.0000,
-0.0000

■ 101.8190, 20.7640,
31.1960

■ 181.0690, 23.0560,
33.7120

■ 76.1070, 19.8930,
30.4610

■ 209.3680, 23.6520,
33.9240

■ 51.8080, 19.2970,
30.2490

■ 227.9980, 12.6500,
24.0580

■ 25.8620, 19.2050,
31.9170

■ 244.4340, 4.9500,
9.4140

■ 16.7760, 13.1550,
20.4110

■ 1.5960, -4.4940,
4.3540

■ 0.0000, 0.0000,

0.0000

■ 127.5310, 21.6350,
31.9310

■ 127.5310, 21.6350,
31.9310

■ 117.2100, 27.2730,
39.8890

■ 137.8520, 15.9970,
23.9730

■ 107.0030, 32.5900,
48.1580

■ 148.0590, 10.6800,
15.7040

■ 97.2690, 37.9530,
55.5930

■ 157.7930, 5.3170,
8.2690

■ 87.0620, 43.2700,
63.8620

■ 168.0000, -0.0000,
-0.0000

■ 76.7410, 48.9080,
71.8200

■ 178.3210, -5.6380,
-7.9580

■ 66.5340, 54.2250,
80.0890

■ 188.5280,
-10.9550, -16.2270

■ 198.8490,
-16.5930, -24.1850

■ 208.4690,
-21.6350, -31.9310

■ 218.7900,
-27.2730, -39.8890

Harmonies

Analogous

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



126.1660, -14.1260, 24.7380



127.5310, 21.6350, 31.9310



125.2270, 45.7980, 29.0460

Triad

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



127.5310, 21.6350, 31.9310



120.2990, 34.9860, -17.3180



100.8930, -89.8140, -24.2940

Complementary

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



127.5310, 21.6350, 31.9310



141.4690, -21.6350, -31.9310

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.



96.9030, -78.5790, -35.1790



127.5310, 21.6350, 31.9310



116.5450, 7.5700, -27.0700

Square

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



127.5310, 21.6350, 31.9310



122.8810, 51.4430, -1.6850



109.9780, -30.4380, -32.0860



100.8080, -96.4640, -13.9040

Rectangle

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



127.5310, 21.6350, 31.9310



124.2630, 54.1440, 20.9600



109.9780, -30.4380, -32.0860



99.6390, -86.2830, -27.7150

Sweetspot

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



127.5310, 21.6350, 31.9310



203.2820, 8.4340, 12.3540



111.3290, -16.1430, 22.7450



100.2660, 5.3630, 7.4350



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.



127.5310, 21.6350, 31.9310



155.6550, 33.6900, 50.2500



123.8830, 31.9070, 21.9790



79.1900, 2.5210, 3.8730



58.6160, 47.7620, 70.5620



7.9180, 6.4630, 9.5270

Inverse Universe

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



127.5310, 21.6350, 31.9310



155.6550, 33.6900, 50.2500



145.1170, -31.9070, -21.9790



79.1900, 2.5210, 3.8730



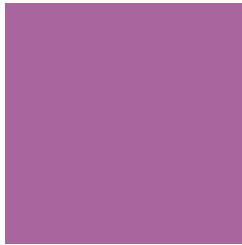
58.6160, 47.7620, 70.5620



7.9180, 6.4630, 9.5270

Previews

White Background



This preview shows how the YIQ color 127.5310, 21.6350, 31.9310 looks on a white background.

Color Contrast Check

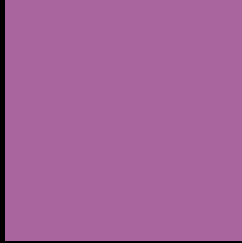
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.5310, 21.6350, 31.9310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

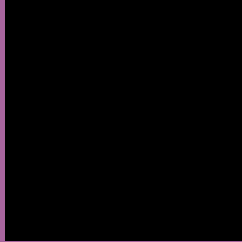
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.5310, 21.6350, 31.9310

Background



This preview shows how black text looks on a background with the YIQ color 127.5310, 21.6350, 31.9310.



This preview shows how white text looks on a background with the YIQ color 127.5310, 21.6350,

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

127.5310, 21.6350, 31.9310

Protanopia

124.6280, -24.7150, 12.8930

Deuteranopia

125.3490, -10.8680, 9.7400



Tritanopia

126.1720, 29.2950, 14.2470

Trichromacy



Original Color

127.5310, 21.6350, 31.9310

Protanomaly

125.5270, -8.0730, 19.6630

Deuteranomaly

125.8500, 1.1430, 17.8390

Tritanomaly

126.7190, 26.4970, 20.9050

Monochromacy



Original Color

127.5310, 21.6350, 31.9310

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.8690, 8.1590, 11.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.5310, 21.6350, 31.9310 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(168, 101, 158)` looks like.

```
.text, #text, p{  
    color:rgb(168, 101, 158)  
}
```

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(168, 101, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 101, 158) }
```

Border

The CSS property to change the border of an element to YIQ 127.5310, 21.6350, 31.9310 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(168, 101, 158) }
```


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

```
.border{ border-color:rgb(168, 101, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 101, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 101, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 101, 158);  
box-shadow:4px 4px 4px 4px rgb(168, 101,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 127.5310, 21.6350, 31.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 101, 158) }
```

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

```
.background{ background-color: rgb(168,  
101, 158) }
```

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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