

Converting Colors

YIQ(123.3070, 16.4540, 32.2140)

Have a look what the booklet for
YIQ(123.3070, 16.4540, 32.2140)
contains.

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Color

**YIQ(123.3070, 16.4540,
32.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	9F62A0
RGB	159, 98, 160
RGB Percent	62%, 38%, 63%
CMY	0.3763, 0.6158, 0.3725
CMYK	0.01, 0.39, 0.00, 0.37
HSL	299°, 25%, 51%
HSV	299°, 39%, 63%
XYZ	25.0182, 18.6445, 35.5399
YIQ	123.3070, 16.4540, 32.2140

Conversions

Conversions Part 2

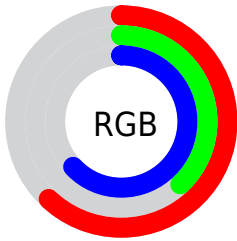
Format	Color
R_{YB}	159, 98, 160
Decimal	10445472
CIE _{Lab}	50.27, 34.80, -23.45
CIE _{LCh}	50, 41.959, 326.025
Yxy	18.6445, 0.3159, 0.2354
Android (android.graphics.Color)	4288635552 (0xFF9F62A0)
YUV	123.3070, 18.0896, 31.3028
Hunter-Lab	43.1793, 27.8596, -18.5747

Details

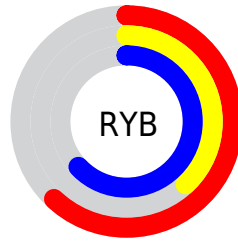
The YIQ color **123.3070, 16.4540, 32.2140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.6930, -16.4540, -32.2140**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.8450, 17.8750, 33.9950**, and **72.7690, 15.0330, 30.4330** is the 20% darker color. If you saturate the color by 10%, you get **113.9150, 20.8540, 40.5820**, and if you desaturate by 10%, it is **132.6990, 12.0540, 23.8460**.

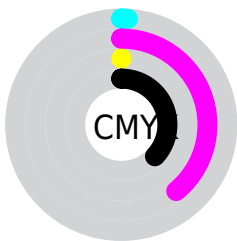
Distribution



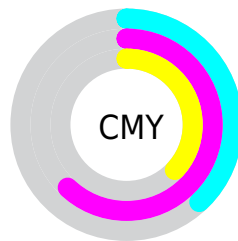
- Red (62%)
- Green (38%)
- Blue (63%)



- Red (62%)
- Yellow (38%)
- Blue (63%)



- Cyan (1%)
- Magenta (39%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.3070, 16.4540, 32.2140 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 123.3070, 16.4540, 32.2140 by changing the saturation by 10% instead.

■ 123.3070, 16.4540,
32.2140

■ 123.3070, 16.4540,
32.2140

■ 255.0000, -0.0000,
-0.0000

■ 97.5950, 15.5830,
31.4790

■ 176.8450, 17.8750,
33.9950

■ 72.7690, 15.0330,
30.4330

■ 204.5570, 18.7460,
34.7300

■ 48.4700, 14.4370,
30.2210

■ 225.6500, 13.7500,
26.1500

■ 23.5840, 14.1160,
30.5320

■ 242.0860, 6.0500,
11.5060

■ 15.5090, 9.5330,
19.9730

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,

0.0000

■ 123.3070, 16.4540,
32.2140

■ 123.3070, 16.4540,
32.2140

■ 113.9150, 20.8540,
40.5820

■ 132.6990, 12.0540,
23.8460

■ 104.5230, 25.2540,
48.9500

■ 142.3900, 8.2500,
15.6900

■ 94.8320, 29.0580,
57.1060

■ 151.7820, 3.8500,
7.3220

■ 85.4400, 33.4580,
65.4740

■ 161.1740, -0.5500,
-1.0460

■ 76.0480, 37.8580,
73.8420

■ 170.5660, -4.9500,
-9.4140

■ 66.6560, 42.2580,
82.2100

■ 180.2570, -8.7540,
-17.5700

■ 65.4820, 42.8080,
83.2560

■ 189.6490,
-13.1540, -25.9380

■ 199.0410,
-17.5540, -34.3060

■ 208.4330,
-21.9540, -42.6740

Harmonies

Analogous

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



120.8060, -21.9200, 22.8160



123.3070, 16.4540, 32.2140



121.0250, 43.5510, 31.2230

Triad

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



123.3070, 16.4540, 32.2140



116.2780, 39.4790, -16.1450



97.5190, -85.8250, -25.0010

Complementary

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



123.3070, 16.4540, 32.2140



134.6930, -16.4540, -32.2140

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.



93.4150, -74.2690, -36.1970



123.3070, 16.4540, 32.2140



113.0680, 13.3470, -27.1410

Square

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



123.3070, 16.4540, 32.2140



118.5440, 54.0100, 1.3540



106.6860, -23.7440, -32.2560



98.3630, -93.7130, -14.2010

Rectangle

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



123.3070, 16.4540, 32.2140



119.4850, 53.6390, 24.6070



106.6860, -23.7440, -32.2560



96.7380, -82.2480, -29.2560

Sweetspot

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



123.3070, 16.4540, 32.2140



194.3250, 6.8750, 13.0750



105.6550, -20.1770, 18.7590



95.8960, 3.5290, 7.6330



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



123.3070, 16.4540, 32.2140



151.1750, 26.3540, 51.0420



120.1860, 26.6800, 23.0960



74.3040, 2.2000, 4.1840



58.4610, 38.1330, 74.3650



6.1950, 4.1250, 7.8450

Inverse Universe

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



116.6520, 36.6310, 13.4550



140.4160, 58.0870, 21.0870



137.8140, -26.6800, -23.0960



73.3920, 4.7680, 1.6960



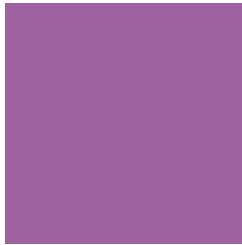
42.9850, 84.5860, 30.9380



4.4850, 8.9400, 3.1800

Previews

White Background



This preview shows how the YIQ color 123.3070, 16.4540, 32.2140 looks on a white background.

Color Contrast Check

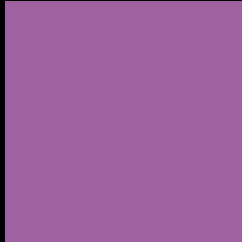
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.3070, 16.4540, 32.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

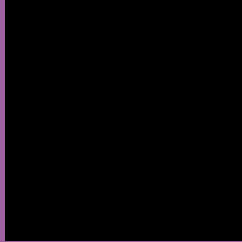
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.3070, 16.4540, 32.2140

Background



This preview shows how black text looks on a background with the YIQ color 123.3070, 16.4540, 32.2140.

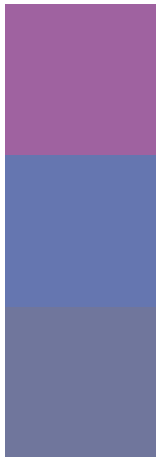


This preview shows how white text looks on a background with the YIQ color 123.3070, 16.4540,

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

123.3070, 16.4540, 32.2140

Protanopia

119.5290, -28.7500, 14.4340

Deuteranopia

120.5380, -15.7740, 10.5460



Tritanopia

121.7800, 24.5270, 12.5510

Trichromacy



Original Color

123.3070, 16.4540, 32.2140

Protanomaly

121.0150, -12.3830, 20.6810

Deuteranomaly

121.6260, -4.0380, 18.1220

Tritanomaly

122.4410, 21.4080, 19.5200

Monochromacy



Original Color

123.3070, 16.4540, 32.2140

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0860, 6.0500, 11.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3070, 16.4540, 32.2140 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(159, 98, 160)` looks like.

```
.text, #text, p{  
    color:rgb(159, 98, 160)  
}
```

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(159, 98, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 98, 160) }
```

Border

The CSS property to change the border of an element to YIQ 123.3070, 16.4540, 32.2140 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(159, 98, 160) }
```


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

```
.border{ border-color:rgb(159, 98, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 98, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 98, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 98, 160);  
box-shadow:4px 4px 4px 4px rgb(159, 98,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3070, 16.4540, 32.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 98, 160) }
```

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

```
.background{ background-color: rgb(159, 98,  
160) }
```

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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