

Converting Colors

YIQ(129.9660, 24.8440, 34.3480)

Have a look what the booklet for
YIQ(129.9660, 24.8440, 34.3480)
contains.

YIQ(129.9660, 24.8440, 34.3480)	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(129.9660, 24.8440,
34.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	AF65A1
RGB	175, 101, 161
RGB Percent	69%, 40%, 63%
CMY	0.3135, 0.6040, 0.3686
CMYK	0.00, 0.42, 0.08, 0.31
HSL	311°, 32%, 54%
HSV	311°, 42%, 69%
XYZ	28.7763, 20.9953, 36.2602
YIQ	129.9660, 24.8440, 34.3480

Conversions

Conversions Part 2

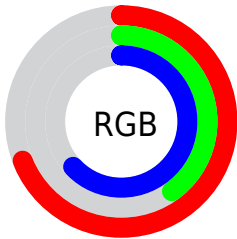
Format	Color
R_{YB}	175, 101, 161
Decimal	11494817
CIE _{Lab}	52.94, 38.57, -19.76
CIE _{LCh}	53, 43.333, 332.871
Yxy	20.9953, 0.3345, 0.2440
Android (android.graphics.Color)	4289684897 (0xFFAF65A1)
YUV	129.9660, 15.2998, 39.4948
Hunter-Lab	45.8206, 31.9156, -14.8448

Details

The YIQ color **129.9660, 24.8440, 34.3480** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.0340, -24.8440, -34.3480**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.3900, 26.5860, 35.8180**, and **78.5420, 23.1020, 32.8780** is the 20% darker color. If you saturate the color by 10%, you get **119.0580, 30.7570, 42.8290**, and if you desaturate by 10%, it is **140.2870, 19.2060, 26.3900**.

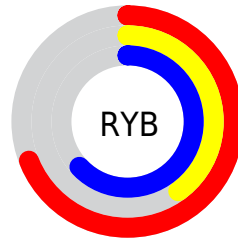
Distribution



Red (69%)

Green (40%)

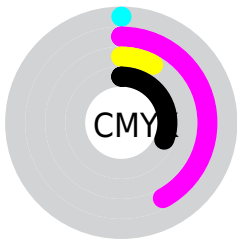
Blue (63%)



Red (69%)

Yellow (40%)

Blue (63%)

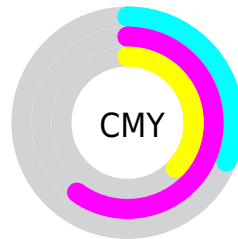


Cyan (0%)

Magenta (42%)

Yellow (8%)

Black (31%)



Cyan (31%)


Magenta (60%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.9660, 24.8440, 34.3480 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 129.9660, 24.8440, 34.3480 by changing the saturation by 10% instead.


 129.9660, 24.8440,
34.3480


 129.9660, 24.8440,
34.3480

255.0000, -0.0000,
-0.0000


 104.2540, 23.9730,
33.6130


 184.3900, 26.5860,
35.8180


 78.5420, 23.1020,
32.8780


 210.3080, 23.8810,
35.2810


 52.7700, 22.4600,
33.5000

 227.9980, 12.6500,
24.0580

 27.8840, 22.1390,
33.8110

 245.0210, 4.6750,
8.8910

 18.6130, 15.1720,
22.4040

 5.5260, 1.6950,
7.8310

 0.0000, 0.0000,

0.0000

■ 129.9660, 24.8440,
34.3480

■ 129.9660, 24.8440,
34.3480

■ 119.0580, 30.7570,
42.8290

■ 140.2870, 19.2060,
26.3900

■ 108.6230, 36.7160,
50.4760

■ 151.3090, 12.9720,
18.2200

■ 97.7150, 42.6290,
58.9570

■ 161.6300, 7.3340,
10.2620

■ 87.3940, 48.2670,
66.9150

■ 172.5380, 1.4210,
1.7810

■ 76.3720, 54.5010,
75.0850

■ 183.5600, -4.8130,
-6.3890

■ 68.5130, 58.7180,
81.2620

■ 193.8810,
-10.4510, -14.3470

■ 204.7890,
-16.3640, -22.8280

■ 215.2240,
-22.3230, -30.4750

■ 223.7840,
-27.1360, -36.8640

Harmonies

Analogous

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



128.8180, -13.0260, 26.8300



129.9660, 24.8440, 34.3480



127.3200, 49.9700, 30.5300

Triad

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



129.9660, 24.8440, 34.3480



122.6040, 35.4450, -20.1310



103.4520, -92.8860, -23.6860

Complementary

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



129.9660, 24.8440, 34.3480



146.0340, -24.8440, -34.3480

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.



99.8210, -81.2840, -35.7160



129.9660, 24.8440, 34.3480



118.4800, 6.1950, -29.6850

Square

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



129.9660, 24.8440, 34.3480



124.9090, 54.2400, -2.8160



109.8740, -36.0770, -34.5170



103.4810, -99.8570, -12.9850

Rectangle

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



129.9660, 24.8440, 34.3480



126.3560, 58.3160, 22.4440



109.8740, -36.0770, -34.5170



102.6710, -89.3090, -27.9410

Sweetspot

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



129.9660, 24.8440, 34.3480



208.7060, 10.1760, 13.8240



113.6220, -15.4100, 25.9820



103.3910, 6.5090, 8.6930



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.



129.9660, 24.8440, 34.3480



156.4000, 38.9620, 53.8260



125.7480, 36.7210, 22.8410



81.4890, 3.1170, 4.0850



58.7580, 50.2380, 69.7420



9.0430, 7.6090, 10.7850

Inverse Universe

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



129.9660, 24.8440, 34.3480



156.4000, 38.9620, 53.8260



150.2520, -36.7210, -22.8410



81.4890, 3.1170, 4.0850



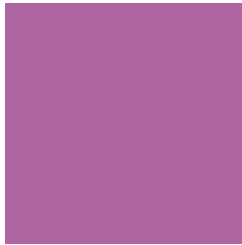
58.7580, 50.2380, 69.7420



9.0430, 7.6090, 10.7850

Previews

White Background



This preview shows how the YIQ color 129.9660, 24.8440, 34.3480 looks on a white background.

Color Contrast Check

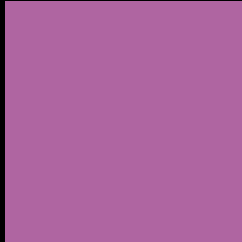
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.9660, 24.8440, 34.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

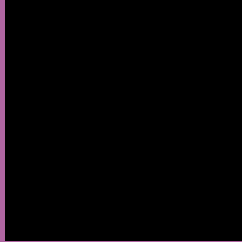
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.9660, 24.8440, 34.3480

Background



This preview shows how black text looks on a background with the YIQ color 129.9660, 24.8440, 34.3480.



This preview shows how white text looks on a background with the YIQ color 129.9660, 24.8440,

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

129.9660, 24.8440, 34.3480

Protanopia

126.6710, -26.2740, 13.6140

Deuteranopia

127.7620, -10.5930, 10.2630



Tritanopia

128.8520, 33.1920, 15.2080

Trichromacy



Original Color

129.9660, 24.8440, 34.3480

Protanomaly

127.7660, -7.2480, 21.2320

Deuteranomaly

128.8610, 2.6100, 18.7860

Tritanomaly

129.5130, 30.0730, 22.1770

Monochromacy



Original Color

129.9660, 24.8440, 34.3480

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.5810, 9.0300, 12.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.9660, 24.8440, 34.3480 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(175, 101, 161)` looks like.

```
.text, #text, p{  
    color:rgb(175, 101, 161)  
}
```

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(175, 101, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 101, 161) }
```

Border

The CSS property to change the border of an element to YIQ 129.9660, 24.8440, 34.3480 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(175, 101, 161) }
```


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

```
.border{ border-color:rgb(175, 101, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 101, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 101, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 101, 161);  
box-shadow:4px 4px 4px 4px rgb(175, 101,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 129.9660, 24.8440, 34.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 101, 161) }
```

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

```
.background{ background-color: rgb(175,  
101, 161) }
```

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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