

Converting Colors

YIQ(156.9460, 44.7910, 19.7590)

Have a look what the booklet for
YIQ(156.9460, 44.7910, 19.7590)
contains.

YIQ(156.9460, 44.7910, 19.7590)	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(156.9460, 44.7910,
19.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	D4848D
RGB	212, 132, 141
RGB Percent	83%, 52%, 55%
CMY	0.1684, 0.4825, 0.4469
CMYK	0.00, 0.38, 0.33, 0.17
HSL	353°, 48%, 67%
HSV	353°, 38%, 83%
XYZ	40.2235, 32.4223, 29.3544
YIQ	156.9460, 44.7910, 19.7590

Conversions

Conversions Part 2

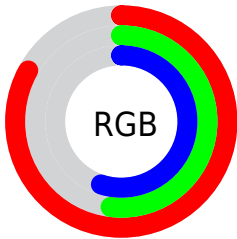
Format	Color
RYB	212, 132, 141
Decimal	13927565
CIELab	63.69, 31.90, 8.20
CIElCh	64, 32.934, 14.409
Yxy	32.4223, 0.3943, 0.3179
Android (android.graphics.Color)	4292117645 (0xFFD4848D)
YUV	156.9460, -7.8614, 48.2824
Hunter-Lab	56.9406, 26.4484, 9.2928

Details

The YIQ color **156.9460, 44.7910, 19.7590** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **187.0540, -44.7910, -19.7590**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.6570, 38.2350, 17.4270**, and **104.2660, 40.8940, 18.7980** is the 20% darker color. If you saturate the color by 10%, you get **142.4530, 56.6650, 24.8330**, and if you desaturate by 10%, it is **171.4390, 32.9170, 14.6850**.

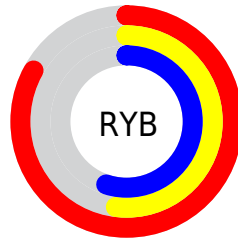
Distribution



Red (83%)

Green (52%)

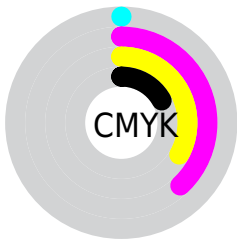
Blue (55%)



Red (83%)

Yellow (52%)

Blue (55%)

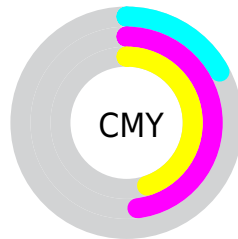


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (17%)



Cyan (17%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.9460, 44.7910, 19.7590 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 156.9460, 44.7910, 19.7590 by changing the saturation by 10% instead.

■ 156.9460, 44.7910,
19.7590

■ 156.9460, 44.7910,
19.7590

255.0000, -0.0000,
-0.0000

■ 130.1630, 42.6820,
19.4340

■ 207.6570, 38.2350,
17.4270

■ 104.2660, 40.8940,
18.7980

■ 227.1710, 21.8680,
11.1800

■ 79.4830, 38.7850,
18.4730

■ 247.5000, 4.5840,
5.0320

■ 54.2270, 36.6300,
18.9820

■ 28.7970, 35.0250,
20.5370

■ 15.2490, 30.3960,
10.8120

■ 3.5880, 7.1520,

2.5440

■ 0.0000, 0.0000,
0.0000

■ 156.9460, 44.7910,
19.7590

■ 156.9460, 44.7910,
19.7590

■ 142.4530, 56.6650,
24.8330

■ 171.4390, 32.9170,
14.6850

■ 127.9600, 68.5390,
29.9070

■ 185.9320, 21.0430,
9.6110

■ 112.9940, 80.3670,
35.8150

■ 200.8980, 9.2150,
3.7030

■ 98.5010, 92.2410,
40.8890

■ 215.3910, -2.6590,
-1.3710

■ 84.0080, 104.1150,
45.9630

■ 229.8840,
-14.5330, -6.4450

■ 69.5150, 115.9890,
51.0370

■ 242.0290,
-25.3070, -9.4270

■ 66.1240, 118.6480,
52.4080

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



158.5500, 28.6510, 25.9230



156.9460, 44.7910, 19.7590



155.7100, 47.9110, 7.2630

Triad

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



156.9460, 44.7910, 19.7590



147.4820, -5.3140, -24.8500



145.3460, -59.5120, -0.7600

Complementary

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



156.9460, 44.7910, 19.7590



187.0540, -44.7910, -19.7590

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.



134.7850, -80.4620, -17.5660



156.9460, 44.7910, 19.7590



142.1440, -36.5370, -26.1770

Square

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



156.9460, 44.7910, 19.7590



151.0570, 21.0480, -18.0240



135.3870, -67.8980, -25.0020



153.6430, -29.0710, 14.7450

Rectangle

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



156.9460, 44.7910, 19.7590



154.4610, 43.8780, -2.2500



135.3870, -67.8980, -25.0020



141.2800, -68.3140, -6.4420

Sweetspot

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



156.9460, 44.7910, 19.7590



235.7140, 15.7250, 6.8690



162.3490, 16.6360, 39.9320



116.3110, 9.4900, 4.2260



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



156.9460, 44.7910, 19.7590



175.8670, 64.3670, 28.4230



174.1170, 39.1550, 0.7470



99.5170, 5.9140, 2.9540



53.2950, 95.8170, 42.1610



13.4270, 24.0230, 10.6710

Inverse Universe

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



156.9460, 44.7910, 19.7590



175.8670, 64.3670, 28.4230



169.8830, -39.1550, -0.7470



99.5170, 5.9140, 2.9540



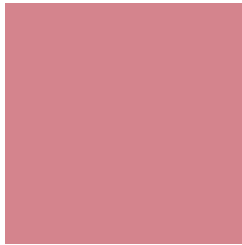
53.2950, 95.8170, 42.1610



13.4270, 24.0230, 10.6710

Previews

White Background



This preview shows how the YIQ color 156.9460, 44.7910, 19.7590 looks on a white background.

Color Contrast Check

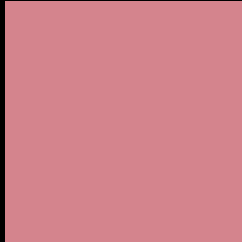
Large Text (above 18pt) WCAG AA × Fail

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 156.9460, 44.7910, 19.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

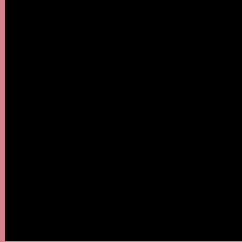
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.9460, 44.7910, 19.7590

Background



This preview shows how black text looks on a background with the YIQ color 156.9460, 44.7910, 19.7590.



This preview shows how white text looks on a background with the YIQ color 156.9460, 44.7910,

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

156.9460, 44.7910, 19.7590

Protanopia

155.0820, 2.7050, 0.5370

Deuteranopia

155.8190, 19.6230, 2.3030



Tritanopia

157.0600, 44.4700, 20.0700

Trichromacy



Original Color

156.9460, 44.7910, 19.7590

Protanomaly

155.9100, 18.1090, 7.7170

Deuteranomaly

156.2980, 28.7000, 8.5080

Tritanomaly

157.0600, 44.4700, 20.0700

Monochromacy



Original Color

156.9460, 44.7910, 19.7590

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.0130, 16.3210, 7.0810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.9460, 44.7910, 19.7590 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(212, 132, 141)` looks like.

```
.text, #text, p{  
    color:rgb(212, 132, 141)  
}
```

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(212, 132, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 132, 141) }
```

Border

The CSS property to change the border of an element to YIQ 156.9460, 44.7910, 19.7590 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(212, 132, 141) }
```


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

```
.border{ border-color:rgb(212, 132, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 132, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 132, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 132, 141);  
box-shadow:4px 4px 4px 4px rgb(212, 132,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 156.9460, 44.7910, 19.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 132, 141) }
```

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

```
.background{ background-color: rgb(212,  
132, 141) }
```

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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