

Converting Colors

YIQ(159.8980, 44.7460, 15.0660)

Have a look what the booklet for
YIQ(159.8980, 44.7460, 15.0660)
contains.

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Color

**YIQ(159.8980, 44.7460,
15.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	D48A88
RGB	212, 138, 136
RGB Percent	83%, 54%, 53%
CMY	0.1685, 0.4589, 0.4665
CMYK	0.00, 0.35, 0.36, 0.17
HSL	2°, 47%, 68%
HSV	2°, 36%, 83%
XYZ	40.6954, 33.9506, 27.7178
YIQ	159.8980, 44.7460, 15.0660

Conversions

Conversions Part 2

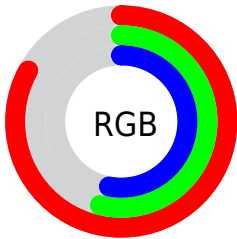
Format	Color
R _Y B	212, 138, 136
Decimal	13929096
CIE Lab	64.92, 28.05, 12.77
CIE LCh	65, 30.816, 24.479
Yxy	33.9506, 0.3976, 0.3317
Android (android.graphics.Color)	4292119176 (0xFFD48A88)
YUV	159.8980, -11.7817, 45.6935
Hunter-Lab	58.2671, 22.7020, 12.5826

Details

The YIQ color **159.8980, 44.7460, 15.0660** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **188.1020, -44.7460, -15.0660**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **210.4950, 38.5110, 12.4230**, and **107.2180, 40.8490, 14.1050** is the 20% darker color. If you saturate the color by 10%, you get **145.1770, 57.2620, 19.5180**, and if you desaturate by 10%, it is **174.6190, 32.2300, 10.6140**.

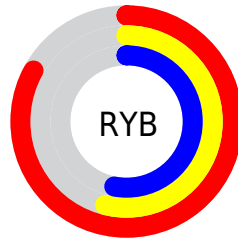
Distribution



Red (83%)

Green (54%)

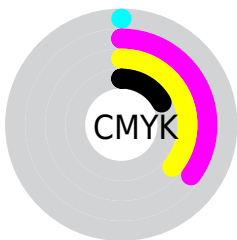
Blue (53%)



Red (83%)

Yellow (54%)

Blue (53%)

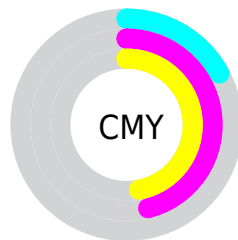


Cyan (0%)

Magenta (35%)

Yellow (36%)

Black (17%)



Cyan (17%)


Magenta (46%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.8980, 44.7460, 15.0660 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 159.8980, 44.7460, 15.0660 by changing the saturation by 10% instead.


 159.8980, 44.7460,
15.0660


 159.8980, 44.7460,
15.0660

255.0000, -0.0000,
-0.0000


 133.1150, 42.6370,
14.7410


 210.4950, 38.5110,
12.4230


 107.2180, 40.8490,
14.1050


 230.1230, 21.8230,
6.4870

 82.4350, 38.7400,
13.7800

 250.4520, 4.5390,
0.3390

 57.7660, 36.3100,
13.7660

 33.6240, 33.8340,
14.5860

 14.9500, 29.8000,
10.6000

 4.4850, 8.9400,

3.1800

■ 0.0000, 0.0000,
0.0000

■ 159.8980, 44.7460,
15.0660

■ 159.8980, 44.7460,
15.0660

■ 145.1770, 57.2620,
19.5180

■ 174.6190, 32.2300,
10.6140

■ 131.0430, 69.5030,
23.4470

■ 188.7530, 19.9890,
6.6850

■ 116.2080, 82.3400,
27.5880

■ 203.5880, 7.1520,
2.5440

■ 101.4870, 94.8560,
32.0400

■ 218.3090, -5.3640,
-1.9080

■ 87.3530, 107.0970,
35.9690

■ 232.4430,
-17.6050, -5.8370

■ 72.6320, 119.6130,
40.4210

■ 242.1430,
-25.6280, -9.1160

■ 66.3230, 124.9770,
42.3290

Harmonies

Analogous

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



161.3070, 33.6490, 23.4490



159.8980, 44.7460, 15.0660



158.5090, 43.9230, 2.4430

Triad

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



159.8980, 44.7460, 15.0660



149.6320, -14.4840, -23.8600



152.7500, -45.8500, 4.9500

Complementary

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



159.8980, 44.7460, 15.0660



188.1020, -44.7460, -15.0660

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.



144.3570, -67.2130, -9.8770



159.8980, 44.7460, 15.0660



144.4900, -43.3230, -24.3390

Square

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



159.8980, 44.7460, 15.0660



153.6260, 12.0160, -19.5360



140.5060, -66.6150, -20.7190



158.9820, -16.7840, 17.8400

Rectangle

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



159.8980, 44.7460, 15.0660



157.1180, 37.4140, -6.2500



140.5060, -66.6150, -20.7190



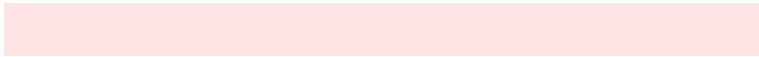
149.5100, -54.1020, 0.3140

Sweetspot

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



159.8980, 44.7460, 15.0660



235.9590, 16.4130, 5.4130



167.2740, 21.2210, 39.4370



116.0830, 10.1320, 3.6040



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.



159.8980, 44.7460, 15.0660



179.6510, 64.7350, 21.7510



181.6170, 34.5710, -4.2850



99.8760, 6.2810, 1.8090



53.4770, 100.8160, 34.1600



13.4440, 25.3530, 8.5930

Inverse Universe

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



188.1020, -44.7460, -15.0660



220.3490, -64.7350, -21.7510



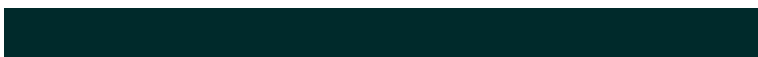
166.3830, -34.5710, 4.2850



103.7110, -6.5560, -2.3320



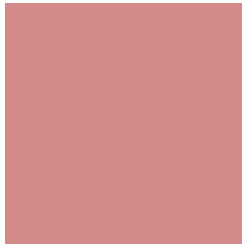
117.5230, -100.8160, -34.1600



29.5560, -25.3530, -8.5930

Previews

White Background



This preview shows how the YIQ color 159.8980, 44.7460, 15.0660 looks on a white background.

Color Contrast Check

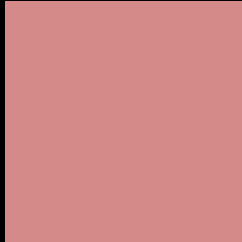
Large Text (above 18pt) WCAG AA × Fail

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 159.8980, 44.7460, 15.0660 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 159.8980, 44.7460, 15.0660

Background



This preview shows how black text looks on a background with the YIQ color 159.8980, 44.7460, 15.0660.



This preview shows how white text looks on a background with the YIQ color 159.8980, 44.7460,

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

159.8980, 44.7460, 15.0660

Protanopia

157.8390, 7.7030, -1.9370

Deuteranopia

158.9180, 23.6580, 0.7620



Tritanopia

160.2770, 42.3610, 19.7450

Trichromacy



Original Color

159.8980, 44.7460, 15.0660

Protanomaly

158.3570, 21.0440, 4.0840

Deuteranomaly

159.3860, 31.2680, 6.0200

Tritanomaly

160.4080, 43.3700, 17.9780

Monochromacy



Original Color

159.8980, 44.7460, 15.0660

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.9590, 16.4130, 5.4130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.8980, 44.7460, 15.0660 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, 138, 136)` looks like.

```
.text, #text, p{  
    color:rgb(212, 138, 136)  
}
```

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, 138, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 138, 136) }
```

Border

The CSS property to change the border of an element to YIQ 159.8980, 44.7460, 15.0660 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, 138, 136) }
```


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

```
.border{ border-color:rgb(212, 138, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 138, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 138, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 138, 136);  
box-shadow:4px 4px 4px 4px rgb(212, 138,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 159.8980, 44.7460, 15.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 138, 136) }
```

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

```
.background{ background-color: rgb(212,  
138, 136) }
```

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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