

Converting Colors

YIQ(159.4830, 55.9800, 9.7080)

Have a look what the booklet for
YIQ(159.4830, 55.9800, 9.7080)
contains.

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Color

**YIQ(159.4830, 55.9800,
9.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8A72
RGB	219, 138, 114
RGB Percent	86%, 54%, 45%
CMY	0.1410, 0.4589, 0.5527
CMYK	0.00, 0.37, 0.48, 0.14
HSL	14°, 59%, 65%
HSV	14°, 48%, 86%
XYZ	41.3514, 34.4506, 20.4081
YIQ	159.4830, 55.9800, 9.7080

Conversions

Conversions Part 2

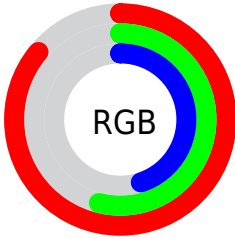
Format	Color
R_{YB}	219, 145, 114
Decimal	14387826
CIE Lab	65.32, 28.36, 25.75
CIE LCh	65, 38.301, 42.239
Yxy	34.4506, 0.4298, 0.3581
Android (android.graphics.Color)	4292577906 (0xFFDB8A72)
YUV	159.4830, -22.4231, 52.1964
Hunter-Lab	58.6946, 23.0409, 20.4711

Details

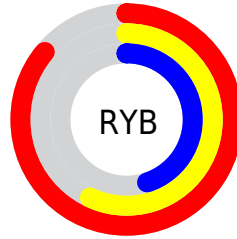
The YIQ color **159.4830, 55.9800, 9.7080** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **173.5170, -55.9800, -9.7080**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.8730, 45.8940, 5.2700**, and **106.7320, 50.8450, 9.1570** is the 20% darker color. If you saturate the color by 10%, you get **146.9960, 67.7170, 11.7570**, and if you desaturate by 10%, it is **171.9700, 44.2430, 7.6590**.

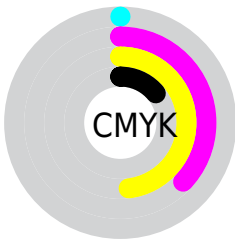
Distribution



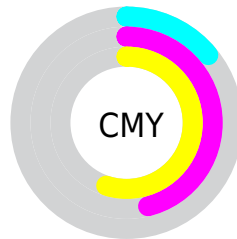
- Red (86%)
- Green (54%)
- Blue (45%)



- Red (86%)
- Yellow (57%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (14%)



- Cyan (14%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.4830, 55.9800, 9.7080 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 159.4830, 55.9800, 9.7080 by changing the saturation by 10% instead.

159.4830, 55.9800,
9.7080

159.4830, 55.9800,
9.7080

255.0000, -0.0000,
-0.0000

132.7000, 53.8710,
9.3830

207.8730, 45.8940,
5.2700

106.7320, 50.8450,
9.1570

227.3870, 29.5270,
-0.9770

81.6500, 48.1400,
8.6200

247.6020, 12.5640,
-7.4360

56.7960, 44.7930,
8.7050

254.4300, 1.6050,
-1.5550

32.1270, 42.3630,
8.6910

15.5480, 30.9920,
11.0240

5.6810, 11.3240,

4.0280

■ 0.0000, 0.0000,
0.0000

■ 159.4830, 55.9800,
9.7080

■ 159.4830, 55.9800,
9.7080

■ 146.9960, 67.7170,
11.7570

■ 171.9700, 44.2430,
7.6590

■ 134.5090, 79.4540,
13.8060

■ 184.4570, 32.5060,
5.6100

■ 122.0220, 91.1910,
15.8550

■ 196.9440, 20.7690,
3.5610

■ 109.5350,
102.9280, 17.9040

■ 209.4310, 9.0320,
1.5120

■ 97.1620, 114.3440,
20.2640

■ 221.9180, -2.7050,
-0.5370

■ 94.8310, 116.7740,
20.2780

■ 233.7040,
-13.8460, -2.3740

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



161.4030, 50.9340, 24.0700



159.4830, 55.9800, 9.7080



157.2670, 47.1800, -7.0280

Triad

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



159.4830, 55.9800, 9.7080



143.4590, -42.0380, -31.1100



156.9780, -37.3240, 15.6360

Complementary

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



159.4830, 55.9800, 9.7080



173.5170, -55.9800, -9.7080

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.



143.7720, -78.4470, -4.5190



159.4830, 55.9800, 9.7080



128.2910, -94.3510, -35.6870

Square

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



159.4830, 55.9800, 9.7080



150.4450, -3.8920, -28.5960



125.3940, -113.3340, -27.5580



162.2880, 0.2700, 28.1580

Rectangle

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



159.4830, 55.9800, 9.7080



155.5270, 34.3440, -16.6960



125.3940, -113.3340, -27.5580



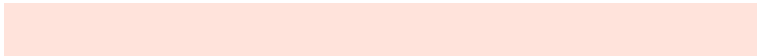
153.5740, -50.9860, 9.9260

Sweetspot

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



159.4830, 55.9800, 9.7080



234.4600, 19.2560, 3.4480



154.7430, 36.2580, 47.7620



115.5130, 11.7370, 2.0490



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.



159.4830, 55.9800, 9.7080



171.2100, 78.8580, 13.5940



189.4200, 41.9550, -16.9650



103.4630, 6.0060, 1.2860



74.6200, 92.3830, 16.2790



19.6240, 24.6660, 4.5220

Inverse Universe

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



173.5170, -55.9800, -9.7080



190.7900, -78.8580, -13.5940



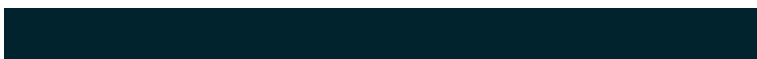
143.5800, -41.9550, 16.9650



104.9500, -5.7310, -0.7630



98.3800, -92.3830, -16.2790



25.7890, -24.3910, -3.9990

Previews

White Background



This preview shows how the YIQ color 159.4830, 55.9800, 9.7080 looks on a white background.

Color Contrast Check

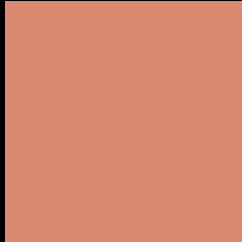
Large Text (above 18pt) WCAG AA × Fail

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 159.4830, 55.9800, 9.7080 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 159.4830, 55.9800, 9.7080

Background



This preview shows how black text looks on a background with the YIQ color 159.4830, 55.9800, 9.7080.



This preview shows how white text looks on a background with the YIQ color 159.4830, 55.9800,

9.7080.

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

159.4830, 55.9800, 9.7080

Protanopia

158.1850, 18.1120, -8.8640

Deuteranopia

158.3890, 35.2130, -4.9070



Tritanopia

161.1530, 48.6420, 21.5540

Trichromacy



Original Color

159.4830, 55.9800, 9.7080

Protanomaly

158.5290, 32.0030, -1.7970

Deuteranomaly

158.8570, 42.8230, 0.3510

Tritanomaly

160.1870, 51.3020, 17.3980

Monochromacy



Original Color

159.4830, 55.9800, 9.7080

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.0580, 20.4480, 3.8720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.4830, 55.9800, 9.7080 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(219, 138, 114)` looks like.

```
.text, #text, p{  
    color:rgb(219, 138, 114)  
}
```

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(219, 138, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 138, 114) }
```

Border

The CSS property to change the border of an element to YIQ 159.4830, 55.9800, 9.7080 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(219, 138, 114) }
```


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

```
.border{ border-color:rgb(219, 138, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 138, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 138, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 138, 114);  
box-shadow:4px 4px 4px 4px rgb(219, 138,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 159.4830, 55.9800, 9.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 138, 114) }
```

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

```
.background{ background-color: rgb(219,  
138, 114) }
```

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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