

Converting Colors

YIQ(189.8980, 44.7460, 15.0660)

Have a look what the booklet for
YIQ(189.8980, 44.7460, 15.0660)
contains.

YIQ(189.8980, 44.7460, 15.0660)	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(189.8980, 44.7460,
15.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A8A6
RGB	242, 168, 166
RGB Percent	95%, 66%, 65%
CMY	0.0508, 0.3413, 0.3488
CMYK	0.00, 0.31, 0.31, 0.05
HSL	2°, 75%, 80%
HSV	2°, 31%, 95%
XYZ	57.5173, 49.6338, 42.6472
YIQ	189.8980, 44.7460, 15.0660

Conversions

Conversions Part 2

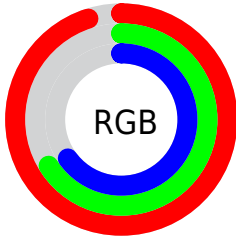
Format	Color
R _Y B	242, 168, 166
Decimal	15902886
CIE Lab	75.84, 27.04, 12.02
CIE LCh	76, 29.591, 23.966
Yxy	49.6338, 0.3840, 0.3313
Android (android.graphics.Color)	4294092966 (0xFFFF2A8A6)
YUV	189.8980, -11.7817, 45.6935
Hunter-Lab	70.4512, 22.4400, 13.4251

Details

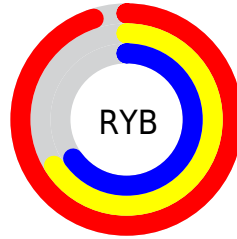
The YIQ color **189.8980, 44.7460, 15.0660** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **218.1020, -44.7460, -15.0660**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.9270, 19.4390, 5.6390**, and **135.5170, 41.4450, 14.3170** is the 20% darker color. If you saturate the color by 10%, you get **173.0740, 59.0500, 20.1540**, and if you desaturate by 10%, it is **206.7220, 30.4420, 9.9780**.

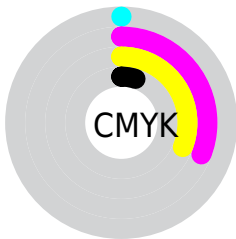
Distribution



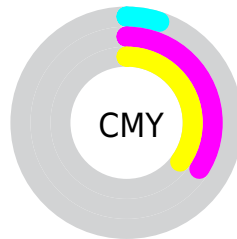
- Red (95%)
- Green (66%)
- Blue (65%)



- Red (95%)
- Yellow (66%)
- Blue (65%)



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.8980, 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 189.8980, 44.7460, 15.0660 by changing the saturation by 10% instead.


 189.8980, 44.7460,
15.0660


 189.8980, 44.7460,
15.0660

255.0000, -0.0000,
-0.0000


 162.4140, 43.2330,
14.9530


 232.9270, 19.4390,
5.6390


 135.5170, 41.4450,
14.3170

 252.6690, 2.4300,
0.0140

 109.7340, 39.3360,
13.9920

 84.8370, 37.5480,
13.3560

 60.1680, 35.1180,
13.3420

 36.6130, 32.3670,
13.6390

 15.5480, 30.9920,

11.0240

■ 5.9800, 11.9200,
4.2400

■ 0.0000, 0.0000,
0.0000

■ 189.8980, 44.7460,
15.0660

■ 189.8980, 44.7460,
15.0660

■ 173.0740, 59.0500,
20.1540

■ 206.7220, 30.4420,
9.9780

■ 156.8370, 73.0790,
24.7190

■ 222.9590, 16.4130,
5.4130

■ 139.8990, 87.7040,
29.4960

■ 239.8970, 1.7880,
0.6360

■ 123.6620,
101.7330, 34.0610

■ 251.1130, -7.7480,
-2.7560

■ 106.8380,
116.0370, 39.1490

■ 90.0140, 130.3410,
44.2370

■ 75.8800, 142.5820,
48.1660

Harmonies

Analogous

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



191.0080, 33.0530, 23.2370



189.8980, 44.7460, 15.0660



188.2210, 44.7940, 3.1780

Triad

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



189.8980, 44.7460, 15.0660



179.2300, -13.2920, -23.4360



182.6470, -44.0620, 5.5860

Complementary

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



189.8980, 44.7460, 15.0660



218.1020, -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.



175.9340, -61.5280, -8.2800



189.8980, 44.7460, 15.0660



175.5720, -40.6180, -23.8020

Square

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



189.8980, 44.7460, 15.0660



183.3380, 12.8870, -18.8010



173.3820, -60.3340, -18.9100



188.8680, -16.4630, 17.5290

Rectangle

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



189.8980, 44.7460, 15.0660



186.8300, 38.2850, -5.5150



173.3820, -60.3340, -18.9100



180.5920, -51.3970, 0.8510

Sweetspot

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



189.8980, 44.7460, 15.0660



239.4640, 13.4330, 4.3530



197.2740, 21.2210, 39.4370



118.0720, 8.6650, 2.6570



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.



189.8980, 44.7460, 15.0660



188.7640, 56.9870, 18.9950



211.6170, 34.5710, -4.2850



111.5880, 7.1520, 2.5440



57.9510, 108.2890, 36.3930



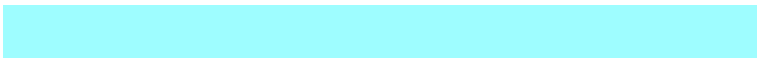
17.3310, 33.1010, 11.3490

Inverse Universe

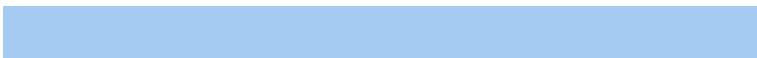
The Inverse Universe completely reimagines the original color for something new.



218.1020, -44.7460, -15.0660



224.8230, -57.2620, -19.5180



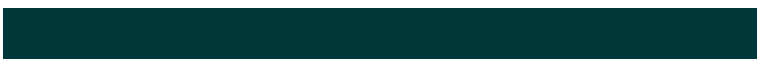
196.3830, -34.5710, 4.2850



116.4120, -7.1520, -2.5440



126.0490, -108.2890, -36.3930



38.6690, -33.1010, -11.3490

Previews

White Background



This preview shows how the YIQ color 189.8980, 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 189.8980, 44.7460, 15.0660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

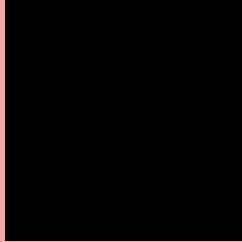
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.8980, 44.7460, 15.0660

Background



This preview shows how black text looks on a background with the YIQ color 189.8980, 44.7460, 15.0660.



This preview shows how white text looks on a background with the YIQ color 189.8980, 44.7460,

15.0660.

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

189.8980, 44.7460, 15.0660

Protanopia

187.5400, 7.1070, -2.1490

Deuteranopia

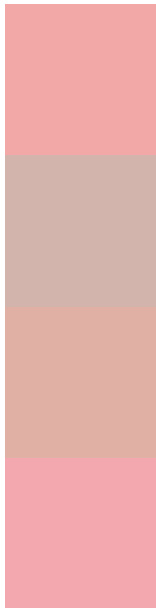
188.3420, 25.4000, 2.2320



Tritanopia

190.5050, 41.7190, 20.3670

Trichromacy



Original Color

189.8980, 44.7460, 15.0660

Protanomaly

188.3570, 21.0440, 4.0840

Deuteranomaly

189.0980, 32.1390, 6.7550

Tritanomaly

190.5220, 43.0490, 18.2890

Monochromacy



Original Color

189.8980, 44.7460, 15.0660

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.9590, 16.4130, 5.4130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.8980, 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(242, 168, 166)` looks like.

```
.text, #text, p{  
    color:rgb(242, 168, 166)  
}
```

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(242, 168, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 168, 166) }
```

Border

The CSS property to change the border of an element to YIQ 189.8980, 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(242, 168, 166) }
```


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

```
.border{ border-color:rgb(242, 168, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 168, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 168, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 168, 166);  
box-shadow:4px 4px 4px 4px rgb(242, 168,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 189.8980, 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(242, 168, 166) }
```

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

```
.background{ background-color: rgb(242,  
168, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor