

Converting Colors

YIQ(106.1700, 14.4410, 8.1130)

Have a look what the booklet for
YIQ(106.1700, 14.4410, 8.1130)
contains.

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Color

**YIQ(106.1700, 14.4410,
8.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6168
RGB	125, 97, 104
RGB Percent	49%, 38%, 41%
CMY	0.5097, 0.6196, 0.5921
CMYK	0.00, 0.22, 0.17, 0.51
HSL	345°, 13%, 44%
HSV	345°, 22%, 49%
XYZ	15.2331, 13.9083, 14.9819
YIQ	106.1700, 14.4410, 8.1130

Conversions

Conversions Part 2

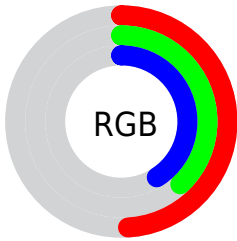
Format	Color
R _Y B	125, 97, 104
Decimal	8216936
CIE Lab	44.10, 12.54, 0.37
CIE LCh	44, 12.543, 1.693
Yxy	13.9083, 0.3452, 0.3152
Android (android.graphics.Color)	4286407016 (0xFF7D6168)
YUV	106.1700, -1.0698, 16.5139
Hunter-Lab	37.2938, 7.6460, 2.2873

Details

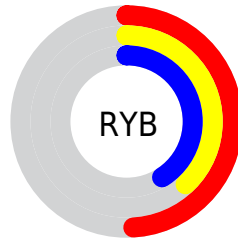
The YIQ color **106.1700, 14.4410, 8.1130** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **115.8300, -14.4410, -8.1130**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.7680, 15.6330, 8.5370**, and **58.5720, 13.2490, 7.6890** is the 20% darker color. If you saturate the color by 10%, you get **97.5130, 20.9050, 12.1130**, and if you desaturate by 10%, it is **114.2400, 8.2520, 4.6360**.

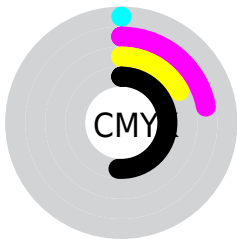
Distribution



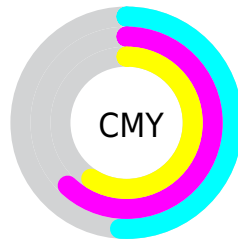
- Red (49%)
- Green (38%)
- Blue (41%)



- Red (49%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.1700, 14.4410, 8.1130 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 106.1700, 14.4410, 8.1130 by changing the saturation by 10% instead.

■ 106.1700, 14.4410,
8.1130

■ 106.1700, 14.4410,
8.1130

255.0000, -0.0000,
-0.0000

■ 81.8710, 13.8450,
7.9010

■ 157.7680, 15.6330,
8.5370

■ 58.5720, 13.2490,
7.6890

■ 184.4800, 16.5040,
9.2720

■ 36.6750, 11.4610,
7.0530

■ 212.3660, 16.8250,
8.9610

■ 14.0990, 13.2030,
8.5230

■ 238.3870, 12.3320,
7.7880

■ 0.0000, 0.0000,
0.0000

■ 106.1700, 14.4410,

■ 106.1700, 14.4410,

8.1130

97.5130, 20.9050,
12.1130

89.3290, 27.4150,
15.2790

80.6720, 33.8790,
19.2790

72.6020, 40.0680,
22.7560

63.8310, 46.8530,
26.4450

55.7610, 53.0420,
29.9220

46.9900, 59.8270,
33.6110

40.9090, 64.5490,
36.1410

8.1130

114.2400, 8.2520,
4.6360

123.0110, 1.4670,
0.9470

131.0810, -4.7220,
-2.5300

139.7380,
-11.1860, -6.5300

148.5090,
-17.9710, -10.2190

156.5790,
-24.1600, -13.6960

165.3500,
-30.9450, -17.3850

173.4200,
-37.1340, -20.8620

■ 182.0770,
-43.5980, -24.8620

Harmonies

Analogous

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



105.8040, 6.7840, 9.2160



106.1700, 14.4410, 8.1130



105.9160, 17.9720, 4.6920

Triad

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



106.1700, 14.4410, 8.1130



102.5130, 2.5690, -8.0150



101.8220, -19.9900, -1.1580

Complementary

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



106.1700, 14.4410, 8.1130



115.8300, -14.4410, -8.1130

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.



100.4040, -21.8690, -5.6530



106.1700, 14.4410, 8.1130



101.3100, -7.1050, -8.9050

Square

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



106.1700, 14.4410, 8.1130



104.1120, 11.1880, -4.5240



100.0470, -16.5500, -8.4380



103.6920, -13.5720, 3.6760

Rectangle

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



106.1700, 14.4410, 8.1130



104.9220, 17.8350, 1.6670



100.0470, -16.5500, -8.4380



101.2840, -21.4110, -2.9390

Sweetspot

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



106.1700, 14.4410, 8.1130



155.6310, 5.5930, 3.2650



106.4710, 3.5280, 13.1600



77.3210, 3.5300, 2.1060



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



106.1700, 14.4410, 8.1130



133.4100, 22.6930, 12.7490



109.4810, 14.7630, 2.2750



59.3210, 3.5300, 2.1060



41.9200, 66.0160, 37.0880



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.1700, 14.4410, 8.1130



133.4100, 22.6930, 12.7490



112.5190, -14.7630, -2.2750



59.3210, 3.5300, 2.1060



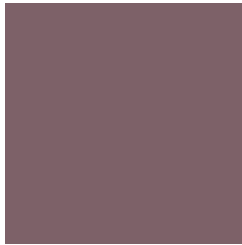
41.9200, 66.0160, 37.0880



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 106.1700, 14.4410, 8.1130 looks on a white background.

Color Contrast Check

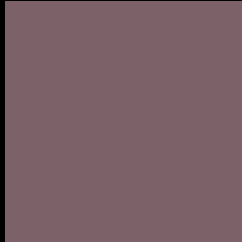
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 106.1700, 14.4410, 8.1130 looks on a black 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

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

YIQ 106.1700, 14.4410, 8.1130

Background



This preview shows how black text looks on a background with the YIQ color 106.1700, 14.4410, 8.1130.



This preview shows how white text looks on a background with the YIQ color 106.1700, 14.4410,

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

106.1700, 14.4410, 8.1130

Protanopia

104.7550, -0.6880, 1.4560

Deuteranopia

105.4140, 7.7020, 3.5900



Tritanopia

106.1700, 14.4410, 8.1130

Trichromacy



Original Color

106.1700, 14.4410, 8.1130

Protanomaly

104.9730, 4.6300, 4.1980

Deuteranomaly

106.0230, 10.3610, 4.9610

Tritanomaly

106.1700, 14.4410, 8.1130

Monochromacy



Original Color

106.1700, 14.4410, 8.1130

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.2180, 5.3180, 2.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.1700, 14.4410, 8.1130 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(125, 97, 104)` looks like.

```
.text, #text, p{  
    color:rgb(125, 97, 104)  
}
```

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(125, 97, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 97, 104) }
```

Border

The CSS property to change the border of an element to YIQ 106.1700, 14.4410, 8.1130 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(125, 97, 104) }
```


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

```
.border{ border-color:rgb(125, 97, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 97, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 97, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 97, 104);  
box-shadow:4px 4px 4px 4px rgb(125, 97,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 106.1700, 14.4410, 8.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 97, 104) }
```

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

```
.background{ background-color: rgb(125, 97,  
104) }
```

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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