

Converting Colors

YIQ(106.9900, 15.1280, 12.1840)

Have a look what the booklet for
YIQ(106.9900, 15.1280, 12.1840)
contains.

YIQ(106.9900, 15.1280, 12.1840)	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(106.9900, 15.1280,
12.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	815F6F
RGB	129, 95, 111
RGB Percent	51%, 37%, 44%
CMY	0.4940, 0.6275, 0.5647
CMYK	0.00, 0.26, 0.14, 0.49
HSL	332°, 15%, 44%
HSV	332°, 26%, 51%
XYZ	16.0176, 13.9988, 16.9002
YIQ	106.9900, 15.1280, 12.1840

Conversions

Conversions Part 2

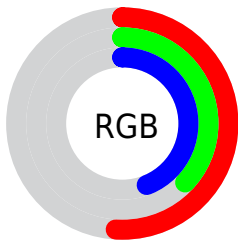
Format	Color
R_{YB}	129, 95, 111
Decimal	8478575
CIE _{Lab}	44.23, 16.56, -3.64
CIE _{LCh}	44, 16.956, 347.616
Yxy	13.9988, 0.3414, 0.2984
Android (android.graphics.Color)	4286668655 (0xFF815F6F)
YUV	106.9900, 1.9769, 19.3028
Hunter-Lab	37.4149, 10.9412, -0.5907

Details

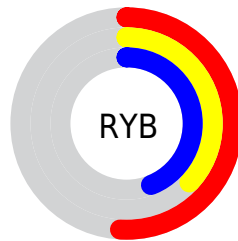
The YIQ color **106.9900, 15.1280, 12.1840** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117.0100, -15.1280, -12.1840**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7020, 15.9990, 12.9190**, and **58.9790, 13.6610, 11.2370** is the 20% darker color. If you saturate the color by 10%, you get **98.5610, 20.9500, 16.8060**, and if you desaturate by 10%, it is **115.4190, 9.3060, 7.5620**.

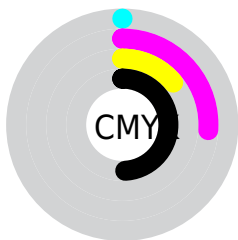
Distribution



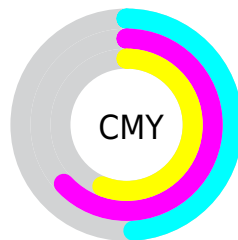
- Red (51%)
- Green (37%)
- Blue (44%)



- Red (51%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (14%)
- Black (49%)



- Cyan (49%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.9900, 15.1280, 12.1840 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 106.9900, 15.1280, 12.1840 by changing the saturation by 10% instead.

■ 106.9900, 15.1280,
12.1840

■ 106.9900, 15.1280,
12.1840

■ 255.0000, -0.0000,
-0.0000

■ 82.6910, 14.5320,
11.9720

■ 158.7020, 15.9990,
12.9190

■ 58.9790, 13.6610,
11.2370

■ 185.4140, 16.8700,
13.6540

■ 37.3810, 12.4690,
10.8130

■ 213.5990, 17.7870,
13.5550

■ 14.6200, 13.2940,
12.3820

■ 238.1250, 10.3140,
11.3220

■ 0.0000, 0.0000,
0.0000

■ 106.9900, 15.1280,

■ 106.9900, 15.1280,

12.1840

12.1840

■ 98.5610, 20.9500,
16.8060

■ 115.4190, 9.3060,
7.5620

■ 90.1320, 26.7720,
21.4280

■ 123.8480, 3.4840,
2.9400

■ 81.8170, 32.2730,
26.3610

■ 132.1630, -2.0170,
-1.9930

■ 73.3880, 38.0950,
30.9830

■ 140.5920, -7.8390,
-6.6150

■ 64.9590, 43.9170,
35.6050

■ 149.0210,
-13.6610, -11.2370

■ 57.1170, 49.4640,
39.7040

■ 156.8630,
-19.2080, -15.3360

■ 48.6880, 55.2860,
44.3260

■ 165.2920,
-25.0300, -19.9580

■ 45.5250, 57.3030,
46.3190

■ 173.7210,
-30.8520, -24.5800

■ 182.0360,
-36.3530, -29.5130

Harmonies

Analogous

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



106.6450, 2.9780, 12.1140



106.9900, 15.1280, 12.1840



106.5900, 22.0060, 8.6780

Triad

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



106.9900, 15.1280, 12.1840



102.8080, 8.9880, -8.7080



99.1410, -31.3140, -5.1860

Complementary

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



106.9900, 15.1280, 12.1840



117.0100, -15.1280, -12.1840

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.



98.6480, -28.6080, -10.1760



106.9900, 15.1280, 12.1840



101.1700, -3.8950, -12.0150

Square

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



106.9900, 15.1280, 12.1840



104.5320, 18.7530, -3.9590



99.3410, -17.5580, -12.1980



102.3640, -24.3920, 1.5280

Rectangle

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



106.9900, 15.1280, 12.1840



105.8520, 24.0240, 5.1440



99.3410, -17.5580, -12.1980



98.6740, -31.4970, -7.3770

Sweetspot

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



106.9900, 15.1280, 12.1840



159.5710, 5.8220, 4.6220



104.2580, -0.1860, 14.3900



78.8480, 3.4840, 2.9400



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



106.9900, 15.1280, 12.1840



133.1100, 23.8380, 19.5340



105.7530, 19.9890, 6.6850



59.4350, 3.2090, 2.4170



45.1120, 57.0280, 45.7960



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.9900, 15.1280, 12.1840



133.1100, 23.8380, 19.5340



118.2470, -19.9890, -6.6850



59.4350, 3.2090, 2.4170



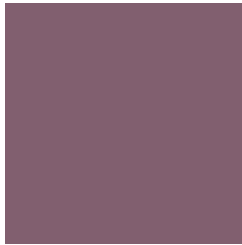
45.1120, 57.0280, 45.7960



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 106.9900, 15.1280, 12.1840 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 106.9900, 15.1280, 12.1840 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 106.9900, 15.1280, 12.1840

Background



This preview shows how black text looks on a background with the YIQ color 106.9900, 15.1280, 12.1840.



This preview shows how white text looks on a background with the YIQ color 106.9900, 15.1280,

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

106.9900, 15.1280, 12.1840

Protanopia

105.1830, -4.7690, 3.8310

Deuteranopia

106.2010, 3.9880, 4.8200



Tritanopia

106.4800, 16.5040, 9.2720

Trichromacy



Original Color

106.9900, 15.1280, 12.1840

Protanomaly

105.8850, 2.0620, 6.6860

Deuteranomaly

106.2340, 8.3890, 7.6610

Tritanomaly

106.8220, 15.5410, 10.2050

Monochromacy



Original Color

106.9900, 15.1280, 12.1840

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.1580, 5.5470, 4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.9900, 15.1280, 12.1840 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(129, 95, 111)` looks like.

```
.text, #text, p{  
    color:rgb(129, 95, 111)  
}
```

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(129, 95, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 95, 111) }
```

Border

The CSS property to change the border of an element to YIQ 106.9900, 15.1280, 12.1840 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(129, 95, 111) }
```


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

```
.border{ border-color:rgb(129, 95, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 95, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 95, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 95, 111);  
box-shadow:4px 4px 4px 4px rgb(129, 95,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 106.9900, 15.1280, 12.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 95, 111) }
```

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

```
.background{ background-color: rgb(129, 95,  
111) }
```

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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