

Converting Colors

YIQ(126.8840, 30.1660, 14.9820)

Have a look what the booklet for
YIQ(126.8840, 30.1660, 14.9820)
contains.

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Color

**YIQ(126.8840, 30.1660,
14.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	A56D77
RGB	165, 109, 119
RGB Percent	65%, 43%, 47%
CMY	0.3528, 0.5726, 0.5332
CMYK	0.00, 0.34, 0.28, 0.35
HSL	349°, 24%, 54%
HSV	349°, 34%, 65%
XYZ	24.3221, 20.2680, 20.0920
YIQ	126.8840, 30.1660, 14.9820

Conversions

Conversions Part 2

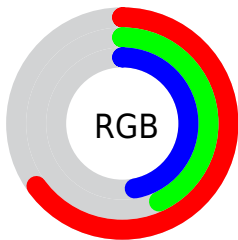
Format	Color
R_{YB}	165, 109, 119
Decimal	10841463
CIE _{Lab}	52.14, 23.73, 3.62
CIE _{LCh}	52, 24.009, 8.666
Yxy	20.2680, 0.3760, 0.3133
Android (android.graphics.Color)	4289031543 (0xFFA56D77)
YUV	126.8840, -3.8868, 33.4277
Hunter-Lab	45.0200, 17.6497, 5.0535

Details

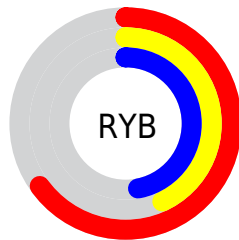
The YIQ color $126.8840, 30.1660, 14.9820$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $147.1160, -30.1660, -14.9820$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.0800, 32.5500, 15.8300$, and $76.8020, 27.4610, 14.4450$ is the 20% darker color. If you saturate the color by 10%, you get $115.3090, 39.3350, 19.5190$, and if you desaturate by 10%, it is $137.8720, 21.2720, 10.9680$.

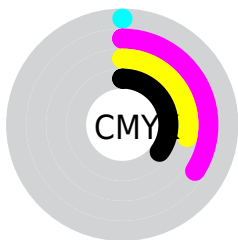
Distribution



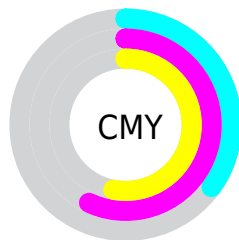
- Red (65%)
- Green (43%)
- Blue (47%)



- Red (65%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (34%)
- Yellow (28%)
- Black (35%)



- Cyan (35%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.8840, 30.1660, 14.9820 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 126.8840, 30.1660, 14.9820 by changing the saturation by 10% instead.

126.8840, 30.1660,
14.9820

126.8840, 30.1660,
14.9820

255.0000, -0.0000,
-0.0000

101.2860, 28.9740,
14.5580

180.0800, 32.5500,
15.8300

76.8020, 27.4610,
14.4450

207.6780, 33.7420,
16.2540

53.4920, 25.3980,
13.2860

228.8010, 20.0340,
11.3780

30.2360, 23.2430,
13.7950

249.1300, 2.7500,
5.2300

12.2590, 24.4360,
8.6920

0.0000, 0.0000,
0.0000

126.8840, 30.1660,
14.9820

126.8840, 30.1660,
14.9820

115.3090, 39.3350,
19.5190

137.8720, 21.2720,
10.9680

104.4350, 47.9080,
23.8440

149.3330, 12.4240,
6.1200

92.8600, 57.0770,
28.3810

160.3210, 3.5300,
2.1060

81.9860, 65.6500,
32.7060

171.7820, -5.3180,
-2.7420

70.4110, 74.8190,
37.2430

182.7700,
-14.2120, -6.7560

59.5370, 83.3920,
41.5680


194.2310,
-23.0600, -11.6040

52.7550, 88.7100,
44.3100

205.8060,
-32.2290, -16.1410

216.6800,

-40.8020, -20.4660

 226.4940,
-49.1460, -23.4340

Harmonies

Analogous

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



127.4620, 16.9150, 18.3470



126.8840, 30.1660, 14.9820



125.8810, 34.2480, 7.0800

Triad

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



126.8840, 30.1660, 14.9820



120.2750, 0.0030, -16.5810



118.0890, -42.7310, -2.0190

Complementary

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



126.8840, 30.1660, 14.9820



147.1160, -30.1660, -14.9820

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.



112.9860, -50.1110, -11.4470



126.8840, 30.1660, 14.9820



116.7980, -20.5830, -17.9510

Square

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



126.8840, 30.1660, 14.9820



122.6040, 18.2500, -11.3660



114.0870, -40.3900, -16.9180



123.2920, -23.8890, 8.9350

Rectangle

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



126.8840, 30.1660, 14.9820



124.9960, 32.1860, 0.3940



114.0870, -40.3900, -16.9180



115.9420, -46.8110, -5.1710

Sweetspot

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



126.8840, 30.1660, 14.9820



199.7350, 11.2320, 5.6960



129.1380, 9.4400, 27.1680



98.2290, 6.7850, 3.6890



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



126.8840, 30.1660, 14.9820



154.1360, 47.3120, 23.6320



136.3100, 28.4260, 2.4580



75.9190, 4.7220, 2.5300



46.3190, 78.0740, 38.8260



5.7240, 9.7650, 4.7490

Inverse Universe

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



126.8840, 30.1660, 14.9820



154.1360, 47.3120, 23.6320



137.6900, -28.4260, -2.4580



75.9190, 4.7220, 2.5300



46.3190, 78.0740, 38.8260



5.7240, 9.7650, 4.7490

Previews

White Background



This preview shows how the YIQ color 126.8840, 30.1660, 14.9820 looks on a white background.

Color Contrast Check

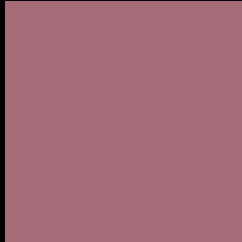
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 126.8840, 30.1660, 14.9820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

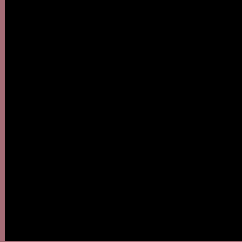
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.8840, 30.1660, 14.9820

Background



This preview shows how black text looks on a background with the YIQ color 126.8840, 30.1660, 14.9820.



This preview shows how white text looks on a background with the YIQ color 126.8840, 30.1660,

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

126.8840, 30.1660, 14.9820

Protanopia

125.0540, -0.0920, 1.6680

Deuteranopia

125.6380, 12.8830, 3.3070



Tritanopia

126.6560, 30.8080, 14.3600

Trichromacy



Original Color

126.8840, 30.1660, 14.9820

Protanomaly

125.9630, 10.5900, 6.3180

Deuteranomaly

126.0950, 19.0260, 7.6180

Tritanomaly

126.7700, 30.4870, 14.6710

Monochromacy



Original Color

126.8840, 30.1660, 14.9820

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.7350, 11.2320, 5.6960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8840, 30.1660, 14.9820 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(165, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(165, 109, 119)  
}
```

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(165, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 109, 119) }
```

Border

The CSS property to change the border of an element to YIQ 126.8840, 30.1660, 14.9820 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(165, 109, 119) }
```


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

```
.border{ border-color:rgb(165, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(165, 109,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8840, 30.1660, 14.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 109, 119) }
```

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

```
.background{ background-color: rgb(165,  
109, 119) }
```

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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