

Converting Colors

YIQ(126.4230, 29.8460, 9.7660)

Have a look what the booklet for
YIQ(126.4230, 29.8460, 9.7660)
contains.

YIQ(126.4230, 29.8460, 9.7660)	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(126.4230, 29.8460,
9.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	A1706E
RGB	161, 112, 110
RGB Percent	63%, 44%, 43%
CMY	0.3685, 0.5608, 0.5685
CMYK	0.00, 0.30, 0.32, 0.37
HSL	2°, 21%, 53%
HSV	2°, 32%, 63%
XYZ	23.3119, 20.2904, 17.4484
YIQ	126.4230, 29.8460, 9.7660

Conversions

Conversions Part 2

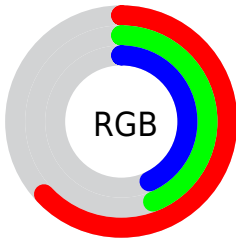
Format	Color
R_{YB}	161, 112, 110
Decimal	10580078
CIE _{Lab}	52.16, 19.17, 8.89
CIE _{LCh}	52, 21.131, 24.882
Yxy	20.2904, 0.3818, 0.3324
Android (android.graphics.Color)	4288770158 (0xFFA1706E)
YUV	126.4230, -8.0965, 30.3240
Hunter-Lab	45.0448, 13.5501, 8.5651

Details

The YIQ color **126.4230, 29.8460, 9.7660** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **144.5770, -29.8460, -9.7660**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6190, 32.2300, 10.6140**, and **77.0420, 26.5450, 9.0170** is the 20% darker color. If you saturate the color by 10%, you get **115.2070, 39.3820, 13.1580**, and if you desaturate by 10%, it is **137.0520, 20.5850, 6.8970**.

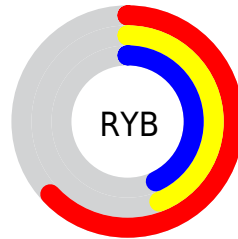
Distribution



Red (63%)

Green (44%)

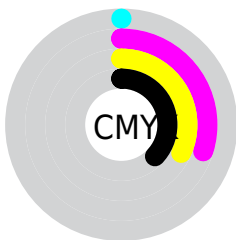
Blue (43%)



Red (63%)

Yellow (44%)

Blue (43%)

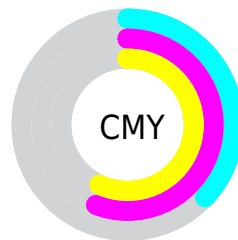


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (37%)



Cyan (37%)

Magenta (56%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.4230, 29.8460, 9.7660 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 126.4230, 29.8460, 9.7660 by changing the saturation by 10% instead.

■ 126.4230, 29.8460,
9.7660

■ 126.4230, 29.8460,
9.7660

■ 255.0000, -0.0000,
-0.0000

■ 100.9390, 28.3330,
9.6530

■ 179.6190, 32.2300,
10.6140

■ 77.0420, 26.5450,
9.0170

■ 207.2170, 33.4220,
11.0380

■ 53.2590, 24.4360,
8.6920

■ 229.4220, 22.4190,
6.6990

■ 30.7750, 22.9230,
8.5790

■ 249.7510, 5.1350,
0.5510

■ 11.0630, 22.0520,
7.8440

■ 0.0000, 0.0000,
0.0000

■ 126.4230, 29.8460,
9.7660

■ 126.4230, 29.8460,
9.7660

■ 115.2070, 39.3820,
13.1580

■ 137.0520, 20.5850,
6.8970

■ 104.5780, 48.6430,
16.0270

■ 148.2680, 11.0490,
3.5050

■ 93.9490, 57.9040,
18.8960

■ 158.8970, 1.7880,
0.6360

■ 82.7330, 67.4400,
22.2880

■ 170.1130, -7.7480,
-2.7560

■ 72.1040, 76.7010,
25.1570

■ 180.8560,
-17.3300, -5.3140

■ 60.7740, 86.5580,
28.2380


■ 192.0720,
-26.8660, -8.7060

■ 51.6610, 94.3060,
30.9940

■ 202.7010,
-36.1270, -11.5750

■ 213.9170,

-45.6630, -14.9670

 224.5460,
-54.9240, -17.8360

Harmonies

Analogous

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



126.9910, 22.5550, 15.2510



126.4230, 29.8460, 9.7660



125.2670, 29.9850, 1.7370

Triad

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



126.4230, 29.8460, 9.7660



119.4250, -9.1670, -15.5910



121.7920, -28.4730, 3.9030

Complementary

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



126.4230, 29.8460, 9.7660



144.5770, -29.8460, -9.7660

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.



117.6500, -40.1170, -5.3410



126.4230, 29.8460, 9.7660



116.6710, -27.4150, -15.2790

Square

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



126.4230, 29.8460, 9.7660



121.9880, 8.3010, -12.7790



115.4340, -39.7490, -12.0130



125.7020, -10.3640, 11.6200

Rectangle

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



126.4230, 29.8460, 9.7660



124.3540, 25.1260, -3.8180



115.4340, -39.7490, -12.0130



120.4600, -33.4700, 0.8500

Sweetspot

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



126.4230, 29.8460, 9.7660



194.8660, 12.2410, 3.9290



130.8350, 14.6670, 26.0510



95.8870, 7.7480, 2.7560



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



126.4230, 29.8460, 9.7660



155.3820, 46.2590, 15.1790



141.0980, 22.9710, -3.3090



76.2780, 5.0890, 1.3850



46.8770, 84.7700, 27.6020



5.9690, 10.4530, 3.2930

Inverse Universe

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



144.5770, -29.8460, -9.7660



183.6180, -46.2590, -15.1790



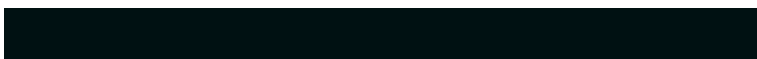
129.9020, -22.9710, 3.3090



78.7220, -5.0890, -1.3850



98.7100, -85.0450, -28.1250



12.0310, -10.4530, -3.2930

Previews

White Background



This preview shows how the YIQ color 126.4230, 29.8460, 9.7660 looks on a white background.

Color Contrast Check

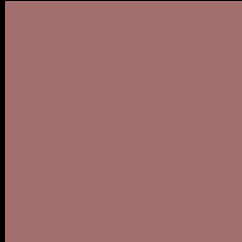
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.4230, 29.8460, 9.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

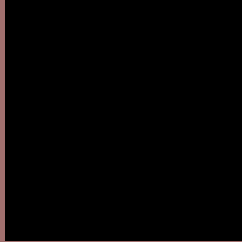
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.4230, 29.8460, 9.7660

Background



This preview shows how black text looks on a background with the YIQ color 126.4230, 29.8460, 9.7660.



This preview shows how white text looks on a background with the YIQ color 126.4230, 29.8460,

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

126.4230, 29.8460, 9.7660

Protanopia

124.5830, 5.5480, -1.4280

Deuteranopia

125.6230, 17.2390, 1.4550



Tritanopia

127.1610, 27.8280, 13.3000

Trichromacy



Original Color

126.4230, 29.8460, 9.7660

Protanomaly

125.5950, 14.4420, 2.5860

Deuteranomaly

125.9550, 22.2360, 4.5080

Tritanomaly

126.8190, 28.7910, 12.3670

Monochromacy



Original Color

126.4230, 29.8460, 9.7660

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2680, 11.0490, 3.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.4230, 29.8460, 9.7660 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(161, 112, 110)` looks like.

```
.text, #text, p{  
    color:rgb(161, 112, 110)  
}
```

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(161, 112, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 112, 110) }
```

Border

The CSS property to change the border of an element to YIQ 126.4230, 29.8460, 9.7660 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(161, 112, 110) }
```


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

```
.border{ border-color:rgb(161, 112, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 112, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 112, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 112, 110);  
box-shadow:4px 4px 4px 4px rgb(161, 112,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 126.4230, 29.8460, 9.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 112, 110) }
```

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

```
.background{ background-color: rgb(161,  
112, 110) }
```

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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