

Converting Colors

YIQ(126.8370, 37.5480, 13.3560)

Have a look what the booklet for
YIQ(126.8370, 37.5480, 13.3560)
contains.

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Color

**YIQ(126.8370, 37.5480,
13.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6C6C
RGB	171, 108, 108
RGB Percent	67%, 42%, 42%
CMY	0.3293, 0.5766, 0.5763
CMYK	0.00, 0.37, 0.37, 0.33
HSL	360°, 27%, 55%
HSV	360°, 37%, 67%
XYZ	24.8715, 20.4653, 16.8373
YIQ	126.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

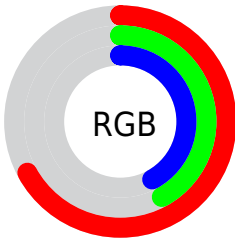
Format	Color
R_{YB}	171, 108, 108
Decimal	11234412
CIE _{Lab}	52.36, 25.16, 10.51
CIE _{LCh}	52, 27.265, 22.676
Yxy	20.4653, 0.4000, 0.3292
Android (android.graphics.Color)	4289424492 (0xFFAB6C6C)
YUV	126.8370, -9.2866, 38.7310
Hunter-Lab	45.2386, 18.9691, 9.5999

Details

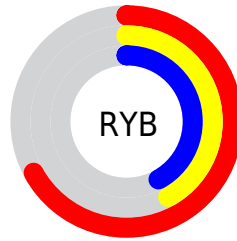
The YIQ color **126.8370, 37.5480, 13.3560** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **152.1630, -37.5480, -13.3560**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.2180, 40.8490, 14.1050**, and **76.5700, 33.9260, 12.9180** is the 20% darker color. If you saturate the color by 10%, you get **114.9200, 47.6800, 16.9600**, and if you desaturate by 10%, it is **138.7540, 27.4160, 9.7520**.

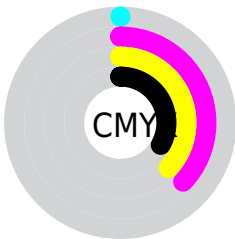
Distribution



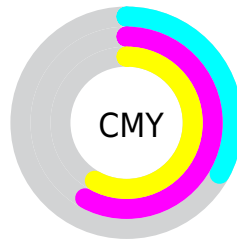
- Red (67%)
- Green (42%)
- Blue (42%)



- Red (67%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (33%)



- Cyan (33%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.8370, 37.5480, 13.3560 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 126.8370, 37.5480, 13.3560 by changing the saturation by 10% instead.

■ 126.8370, 37.5480,
13.3560

■ 126.8370, 37.5480,
13.3560

■ 255.0000, -0.0000,
-0.0000

■ 101.0540, 35.4390,
13.0310

■ 180.2180, 40.8490,
14.1050

■ 76.5700, 33.9260,
12.9180

■ 207.2180, 40.8490,
14.1050

■ 52.4880, 31.2210,
12.3810

■ 226.8460, 24.1610,
8.1690

■ 29.2320, 29.0660,
12.8900

■ 247.0610, 7.1980,
1.7100

■ 12.8570, 25.6280,
9.1160

■ 0.0000, 0.0000,
0.0000

■ 126.8370, 37.5480,
13.3560

■ 126.8370, 37.5480,
13.3560

■ 114.9200, 47.6800,
16.9600

■ 138.7540, 27.4160,
9.7520

■ 103.0030, 57.8120,
20.5640

■ 150.6710, 17.2840,
6.1480

■ 91.0860, 67.9440,
24.1680

■ 162.5880, 7.1520,
2.5440

■ 79.1690, 78.0760,
27.7720

■ 174.5050, -2.9800,
-1.0600

■ 66.6650, 88.4830,
31.8990

■ 186.4220,
-13.1120, -4.6640

■ 54.7480, 98.6150,
35.5030


■ 199.0400,
-23.8400, -8.4800

■ 51.1290, 101.9160,
36.2520

■ 210.9570,
-33.9720, -12.0840

■ 222.8740,

-44.1040, -15.6880

 229.8840,
-50.0640, -17.8080

Harmonies

Analogous

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



128.3770, 27.4600, 19.9720



126.8370, 37.5480, 13.3560



125.8010, 37.2290, 2.6130

Triad

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



126.8370, 37.5480, 13.3560



118.3060, -10.4500, -19.8740



120.0340, -40.8980, 3.3100

Complementary

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



126.8370, 37.5480, 13.3560



152.1630, -37.5480, -13.3560

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.



112.2500, -59.6020, -10.1460



126.8370, 37.5480, 13.3560



113.9040, -35.6210, -20.7490

Square

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



126.8370, 37.5480, 13.3560



121.7340, 11.8320, -16.2000



109.4640, -57.6290, -18.3730



126.0590, -15.6830, 14.4050

Rectangle

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



126.8370, 37.5480, 13.3560



124.8340, 32.4620, -4.6100



109.4640, -57.6290, -18.3730



117.3920, -47.9580, -0.9020

Sweetspot

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



126.8370, 37.5480, 13.3560



204.4750, 14.9000, 5.3000



133.7200, 16.7290, 32.7370



102.1860, 8.3440, 2.9680



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



126.8370, 37.5480, 13.3560



153.3020, 58.4080, 20.7760



144.4470, 29.2980, -2.3340



80.6910, 5.3640, 1.9080



44.8500, 89.4000, 31.8000



6.8770, 13.7080, 4.8760

Inverse Universe

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



126.8370, 37.5480, 13.3560



153.3020, 58.4080, 20.7760



134.5530, -29.2980, 2.3340



80.6910, 5.3640, 1.9080



44.8500, 89.4000, 31.8000



6.8770, 13.7080, 4.8760

Previews

White Background



This preview shows how the YIQ color 126.8370, 37.5480, 13.3560 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 126.8370, 37.5480, 13.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

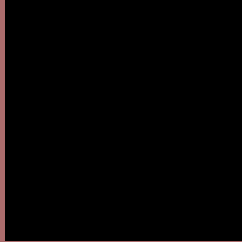
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.8370, 37.5480, 13.3560

Background



This preview shows how black text looks on a background with the YIQ color 126.8370, 37.5480, 13.3560.



This preview shows how white text looks on a background with the YIQ color 126.8370, 37.5480,

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

126.8370, 37.5480, 13.3560

Protanopia

125.5830, 5.5480, -1.4280

Deuteranopia

126.1670, 18.5230, 0.2110



Tritanopia

127.3470, 36.1720, 16.2680

Trichromacy



Original Color

126.8370, 37.5480, 13.3560

Protanomaly

126.2040, 17.1010, 3.9570

Deuteranomaly

126.3360, 25.5370, 5.2570

Tritanomaly

127.0050, 37.1350, 15.3350

Monochromacy



Original Color

126.8370, 37.5480, 13.3560

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8770, 13.7080, 4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8370, 37.5480, 13.3560 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(171, 108, 108)` looks like.

```
.text, #text, p{  
    color:rgb(171, 108, 108)  
}
```

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(171, 108, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 108, 108) }
```

Border

The CSS property to change the border of an element to YIQ 126.8370, 37.5480, 13.3560 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(171, 108, 108) }
```


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

```
.border{ border-color:rgb(171, 108, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 108, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 108, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 108, 108);  
box-shadow:4px 4px 4px 4px rgb(171, 108,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8370, 37.5480, 13.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 108, 108) }
```

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

```
.background{ background-color: rgb(171,  
108, 108) }
```

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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