

Converting Colors

YIQ(106.3370, 51.3000, 28.4520)

Have a look what the booklet for
YIQ(106.3370, 51.3000, 28.4520)
contains.

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Color

**YIQ(106.3370, 51.3000,
28.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4A62
RGB	173, 74, 98
RGB Percent	68%, 29%, 38%
CMY	0.3213, 0.7099, 0.6155
CMYK	0.00, 0.57, 0.43, 0.32
HSL	345°, 40%, 48%
HSV	345°, 57%, 68%
XYZ	21.9006, 14.6663, 13.2435
YIQ	106.3370, 51.3000, 28.4520

Conversions

Conversions Part 2

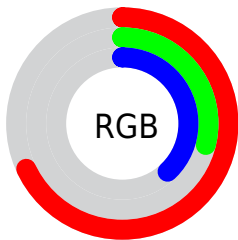
Format	Color
RYB	173, 74, 98
Decimal	11356770
CIELab	45.17, 42.85, 6.38
CIELCh	45, 43.324, 8.466
Yxy	14.6663, 0.4397, 0.2944
Android (android.graphics.Color)	4289546850 (0xFFAD4A62)
YUV	106.3370, -4.1101, 58.4635
Hunter-Lab	38.2966, 35.0593, 6.3042

Details

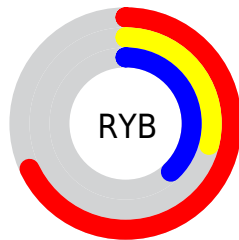
The YIQ color **106.3370, 51.3000, 28.4520** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **140.6630, -51.3000, -28.4520**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **160.3160, 55.7930, 29.6250**, and **52.0640, 47.8150, 31.0390** is the 20% darker color. If you saturate the color by 10%, you get **94.8760, 60.1480, 33.3000**, and if you desaturate by 10%, it is **117.7980, 42.4520, 23.6040**.

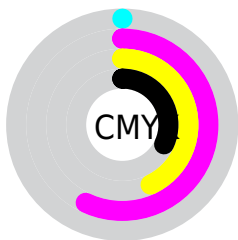
Distribution



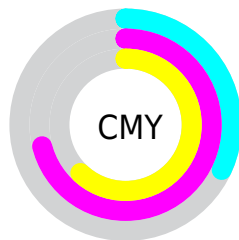
- Red (68%)
- Green (29%)
- Blue (38%)



- Red (68%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (57%)
- Yellow (43%)
- Black (32%)



- Cyan (32%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.3370, 51.3000, 28.4520 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 106.3370, 51.3000, 28.4520 by changing the saturation by 10% instead.

■ 106.3370, 51.3000,
28.4520

■ 106.3370, 51.3000,
28.4520

■ 255.0000, -0.0000,
-0.0000

■ 79.9670, 49.4660,
28.6500

■ 160.3160, 55.7930,
29.6250

■ 52.0640, 47.8150,
31.0390

■ 186.0060, 53.7300,
28.4660

■ 30.1450, 43.0930,
28.5090

■ 205.6340, 37.0420,
22.5300

■ 19.5210, 35.6220,
15.2220

■ 225.2620, 20.3540,
16.5940

■ 10.8780, 21.1350,
7.9430

■ 245.0210, 4.6750,
8.8910

■ 0.0000, 0.0000,
0.0000

■ 106.3370, 51.3000,
28.4520

■ 106.3370, 51.3000,
28.4520

■ 94.8760, 60.1480,
33.3000

■ 117.7980, 42.4520,
23.6040

■ 82.8280, 69.2710,
38.6710

■ 129.8460, 33.3290,
18.2330

■ 71.3670, 78.1190,
43.5190

■ 141.3070, 24.4810,
13.3850

■ 59.9060, 86.9670,
48.3670

■ 152.7680, 15.6330,
8.5370

■ 56.5150, 89.6260,
49.7380


■ 164.3430, 6.4640,
4.0000

■ 176.3910, -2.6590,
-1.3710

■ 187.8520,
-11.5070, -6.2190

■ 199.3130,

-20.3550, -11.0670

 211.3610,
-29.4780, -16.4380

Harmonies

Analogous

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



109.1900, 30.0250, 34.0650



106.3370, 51.3000, 28.4520



105.6620, 57.0340, 12.6340

Triad

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



106.3370, 51.3000, 28.4520



97.3590, -0.7740, -30.0380



89.1020, -88.3040, -7.6000

Complementary

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



106.3370, 51.3000, 28.4520



140.6630, -51.3000, -28.4520

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.



89.4150, -82.2960, -17.3680



106.3370, 51.3000, 28.4520



81.5060, -58.5880, -39.5480

Square

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



106.3370, 51.3000, 28.4520



101.6850, 30.7230, -22.6610



86.5990, -71.6110, -29.2990



99.5460, -53.7830, 11.0570

Rectangle

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



106.3370, 51.3000, 28.4520



105.1910, 53.5060, -0.5260



86.5990, -71.6110, -29.2990



89.5920, -86.9280, -10.5120

Sweetspot

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



106.3370, 51.3000, 28.4520



198.5020, 19.4380, 11.1660



107.4120, 12.3250, 46.4770



97.1480, 11.5070, 6.2190



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.



106.3370, 51.3000, 28.4520



120.2640, 79.9070, 44.1550



118.2760, 52.1290, 7.9130



80.9190, 4.7220, 2.5300



49.0680, 77.5230, 43.3070



7.5610, 11.7820, 6.7420

Inverse Universe

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



106.3370, 51.3000, 28.4520



120.2640, 79.9070, 44.1550



128.7240, -52.1290, -7.9130



80.9190, 4.7220, 2.5300



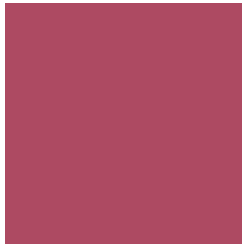
49.0680, 77.5230, 43.3070



7.5610, 11.7820, 6.7420

Previews

White Background



This preview shows how the YIQ color 106.3370, 51.3000, 28.4520 looks on a white background.

Color Contrast Check

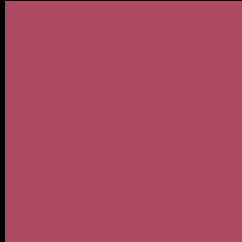
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.3370, 51.3000, 28.4520 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 106.3370, 51.3000, 28.4520

Background



This preview shows how black text looks on a background with the YIQ color 106.3370, 51.3000, 28.4520.



This preview shows how white text looks on a background with the YIQ color 106.3370, 51.3000,

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

106.3370, 51.3000, 28.4520

Protanopia

108.0260, -2.8890, 2.7990

Deuteranopia

108.4270, 14.8550, 0.6070



Tritanopia

105.9750, 55.0150, 21.6950

Trichromacy



Original Color

106.3370, 51.3000, 28.4520

Protanomaly

107.3600, 16.9620, 11.9860

Deuteranomaly

107.5800, 27.9660, 10.7980

Tritanomaly

106.0720, 53.3640, 24.0840

Monochromacy



Original Color

106.3370, 51.3000, 28.4520

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.7900, 18.5670, 10.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.3370, 51.3000, 28.4520 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(173, 74, 98)` looks like.

```
.text, #text, p{  
    color:rgb(173, 74, 98)  
}
```

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(173, 74, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 74, 98) }
```

Border

The CSS property to change the border of an element to YIQ 106.3370, 51.3000, 28.4520 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(173, 74, 98) }
```


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

```
.border{ border-color:rgb(173, 74, 98) }
```

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

Here you see how a box with a 4 pixel rgb(173, 74, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 74, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 74, 98);  
box-shadow:4px 4px 4px 4px rgb(173, 74,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 106.3370, 51.3000, 28.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 74, 98) }
```

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

```
.background{ background-color: rgb(173, 74,  
98) }
```

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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