

Converting Colors

YIQ(116.4430, 27.0940, 15.5900)

Have a look what the booklet for
YIQ(116.4430, 27.0940, 15.5900)
contains.

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Color

**YIQ(116.4430, 27.0940,
15.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	986371
RGB	152, 99, 113
RGB Percent	60%, 39%, 44%
CMY	0.4038, 0.6118, 0.5568
CMYK	0.00, 0.35, 0.26, 0.40
HSL	344°, 21%, 49%
HSV	344°, 35%, 60%
XYZ	20.3971, 16.7910, 17.7960
YIQ	116.4430, 27.0940, 15.5900

Conversions

Conversions Part 2

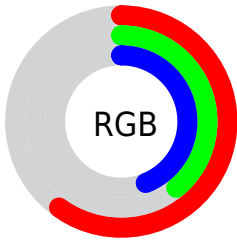
Format	Color
R_{YB}	152, 99, 113
Decimal	9986929
CIE Lab	48.00, 23.51, 0.99
CIE LCh	48, 23.528, 2.406
Yxy	16.7910, 0.3710, 0.3054
Android (android.graphics.Color)	4288177009 (0xFF986371)
YUV	116.4430, -1.6974, 31.1835
Hunter-Lab	40.9768, 17.1428, 2.9345

Details

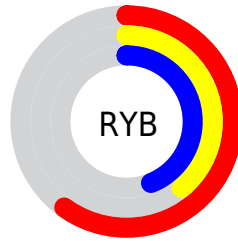
The YIQ color **116.4430, 27.0940, 15.5900** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **134.5570, -27.0940, -15.5900**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7530, 29.1570, 16.7490**, and **67.2470, 24.7100, 14.7420** is the 20% darker color. If you saturate the color by 10%, you get **106.3840, 34.7500, 20.0140**, and if you desaturate by 10%, it is **126.5020, 19.4380, 11.1660**.

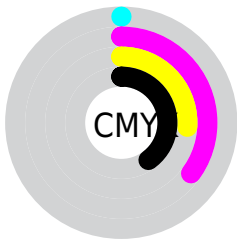
Distribution



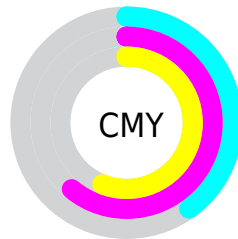
- Red (60%)
- Green (39%)
- Blue (44%)



- Red (60%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (40%)





- Cyan (40%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.4430, 27.0940, 15.5900 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 116.4430, 27.0940, 15.5900 by changing the saturation by 10% instead.


 116.4430, 27.0940,
15.5900


 116.4430, 27.0940,
15.5900


255.0000, -0.0000,
-0.0000


 91.5460, 25.3060,
14.9540


 168.7530, 29.1570,
16.7490

 67.2470, 24.7100,
14.7420


 196.3510, 30.3490,
17.1730

 44.3500, 22.9220,
14.1060

 221.6600, 24.9850,
15.2650

 21.0940, 20.7670,
14.6150

 241.2880, 8.2970,
9.3290

 8.4860, 16.3670,
6.2470

 0.0000, 0.0000,
0.0000

■ 116.4430, 27.0940,
15.5900

■ 116.4430, 27.0940,
15.5900

■ 106.3840, 34.7500,
20.0140

■ 126.5020, 19.4380,
11.1660

■ 96.3250, 42.4060,
24.4380

■ 136.5610, 11.7820,
6.7420

■ 85.5650, 50.6580,
29.0740

■ 147.3210, 3.5300,
2.1060

■ 75.5060, 58.3140,
33.4980

■ 157.3800, -4.1260,
-2.3180

■ 65.4470, 65.9700,
37.9220

■ 167.4390,
-11.7820, -6.7420

■ 55.3880, 73.6260,
42.3460


■ 177.4980,
-19.4380, -11.1660

■ 50.0080, 77.7520,
44.6640

■ 187.5570,
-27.0940, -15.5900

■ 198.2030,

-35.0250, -20.5370

 208.3760,
-43.0020, -24.6500

Harmonies

Analogous

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



117.1950, 13.2930, 17.9090



116.4430, 27.0940, 15.5900



115.4510, 32.6430, 8.6350

Triad

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



116.4430, 27.0940, 15.5900



110.3680, 4.1750, -15.0970



106.2520, -44.7480, -4.0120

Complementary

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



116.4430, 27.0940, 15.5900



134.5570, -27.0940, -15.5900

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.



102.4160, -48.5060, -13.0020



116.4430, 27.0940, 15.5900



107.5490, -15.4480, -17.4000

Square

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



116.4430, 27.0940, 15.5900



112.4410, 20.2670, -9.3730



104.1260, -36.1260, -17.1020



111.8570, -27.0980, 6.5180

Rectangle

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



116.4430, 27.0940, 15.5900



114.4630, 32.3690, 2.5850



104.1260, -36.1260, -17.1020



104.2900, -47.9110, -7.2630

Sweetspot

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



116.4430, 27.0940, 15.5900



185.5500, 10.3150, 5.7950



116.7030, 6.2310, 24.7510



91.6310, 5.5930, 3.2650



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



116.4430, 27.0940, 15.5900



142.6240, 43.0020, 24.6500



121.8910, 28.2880, 4.9600



71.6200, 4.1260, 2.3180



46.0780, 71.5630, 41.1870



4.2290, 6.7850, 3.6890

Inverse Universe

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



116.4430, 27.0940, 15.5900



142.6240, 43.0020, 24.6500



129.1090, -28.2880, -4.9600



71.6200, 4.1260, 2.3180



46.0780, 71.5630, 41.1870



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 116.4430, 27.0940, 15.5900 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 116.4430, 27.0940, 15.5900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

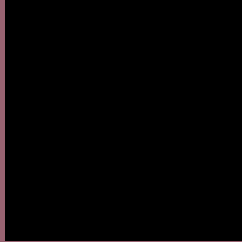
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 116.4430, 27.0940, 15.5900

Background



This preview shows how black text looks on a background with the YIQ color 116.4430, 27.0940, 15.5900.



This preview shows how white text looks on a background with the YIQ color 116.4430, 27.0940,

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

116.4430, 27.0940, 15.5900

Protanopia

114.9120, -2.5680, 2.4880

Deuteranopia

115.1970, 9.8110, 3.9150



Tritanopia

116.0470, 28.1490, 12.9890

Trichromacy



Original Color

116.4430, 27.0940, 15.5900

Protanomaly

115.8210, 8.1140, 7.1380

Deuteranomaly

115.6540, 15.9540, 8.2260

Tritanomaly

116.2750, 27.5070, 13.6110

Monochromacy



Original Color

116.4430, 27.0940, 15.5900

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.2510, 9.7190, 5.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.4430, 27.0940, 15.5900 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(152, 99, 113)` looks like.

```
.text, #text, p{  
    color:rgb(152, 99, 113)  
}
```

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(152, 99, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 99, 113) }
```

Border

The CSS property to change the border of an element to YIQ 116.4430, 27.0940, 15.5900 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(152, 99, 113) }
```


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

```
.border{ border-color:rgb(152, 99, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 99, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 99, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 99, 113); box-shadow:4px 4px 4px 4px rgb(152, 99, 113) }
```

Background

The CSS property to change the background color of an element to YIQ 116.4430, 27.0940, 15.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 99, 113) }
```

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

```
.background{ background-color: rgb(152, 99,  
113) }
```

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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