

Converting Colors

YIQ(132.5370, -4.8650, 27.6070)

Have a look what the booklet for
YIQ(132.5370, -4.8650, 27.6070)
contains.

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Color

**YIQ(132.5370, -4.8650,
27.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	9174B9
RGB	145, 116, 185
RGB Percent	57%, 45%, 73%
CMY	0.4313, 0.5451, 0.2746
CMYK	0.22, 0.37, 0.00, 0.27
HSL	265°, 33%, 59%
HSV	265°, 37%, 73%
XYZ	26.6811, 22.0123, 48.7312
YIQ	132.5370, -4.8650, 27.6070

Conversions

Conversions Part 2

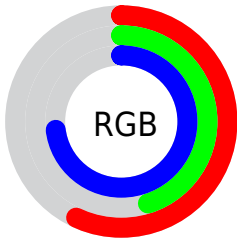
Format	Color
RYB	145, 116, 185
Decimal	9532601
CIELab	54.04, 25.49, -32.23
CIELCh	54, 41.086, 308.341
Yxy	22.0123, 0.2739, 0.2259
Android (android.graphics.Color)	4287722681 (0xFF9174B9)
YUV	132.5370, 25.8643, 10.9301
Hunter-Lab	46.9173, 19.4046, -28.7401

Details

The YIQ color **132.5370, -4.8650, 27.6070** is a light color, and the websafe version is hex **996699**. A complement of this color would be **168.4630, 4.8650, -27.6070**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.8900, -4.3610, 29.4870**, and **82.1840, -5.3690, 25.7270** is the 20% darker color. If you saturate the color by 10%, you get **118.0950, -6.1960, 35.2120**, and if you desaturate by 10%, it is **146.3920, -3.2590, 20.5250**.

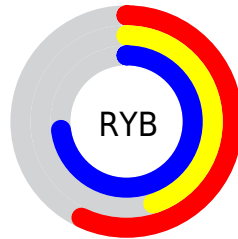
Distribution



Red (57%)

Green (45%)

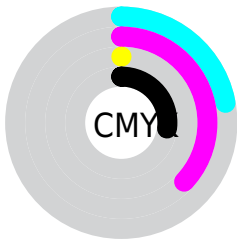
Blue (73%)



Red (57%)

Yellow (45%)

Blue (73%)

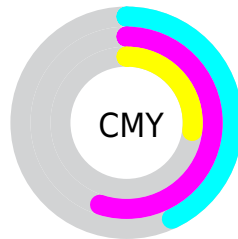


Cyan (22%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.5370, -4.8650, 27.6070 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 132.5370, -4.8650, 27.6070 by changing the saturation by 10% instead.

132.5370, -4.8650,
27.6070

132.5370, -4.8650,
27.6070

255.0000, -0.0000,
-0.0000

107.0100, -4.8190,
26.7730

185.8900, -4.3610,
29.4870

82.1840, -5.3690,
25.7270

212.2940, 0.1330,
25.1330

58.8310, -5.8730,
23.8470

236.8030, 8.5250,
16.2130

36.0050, -6.4230,
22.8010

253.2390, 0.8250,
1.5690

12.8910, -6.1020,
22.4900

5.2780, -12.1060,
10.1500

1.2540, -3.5310,

3.4210

■ 0.0000, 0.0000,
0.0000

■ 132.5370, -4.8650,
27.6070

■ 132.5370, -4.8650,
27.6070

■ 118.0950, -6.1960,
35.2120

■ 146.3920, -3.2590,
20.5250

■ 104.5390, -7.2060,
42.5060

■ 160.5350, -2.5240,
12.7080

■ 90.0970, -8.5370,
50.1110

■ 174.3900, -0.9180,
5.6260

■ 76.2420, -10.1430,
57.1930

■ 188.8320, 0.4130,
-1.9790

■ 61.8000, -11.4740,
64.7980

■ 202.6870, 2.0190,
-9.0610

■ 48.2440, -12.4840,
72.0920

■ 216.8300, 2.7540,
-16.8780

■ 44.4120, -12.8970,
74.0710

■ 230.6850, 4.3600,
-23.9600

■ 239.8440, 8.1660,
-26.8580

■ 242.8340, 14.1260,
-24.7380

Harmonies

Analogous

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



125.0090, -47.7770, 12.3430



132.5370, -4.8650, 27.6070



132.9510, 29.2000, 32.4960

Triad

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



132.5370, -4.8650, 27.6070



127.5770, 49.2430, -5.8690



102.0210, -84.7230, -33.9630

Complementary

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



132.5370, -4.8650, 27.6070



168.4630, 4.8650, -27.6070

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.



111.9920, -42.2210, -33.3010



132.5370, -4.8650, 27.6070



124.8530, 30.3100, -20.6820

Square

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



132.5370, -4.8650, 27.6070



129.2490, 56.7590, 12.1110



121.0710, 0.0970, -29.3030



105.3100, -95.3620, -22.8660

Rectangle

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



132.5370, -4.8650, 27.6070



130.9820, 45.1100, 30.5020



121.0710, 0.0970, -29.3030



100.6530, -80.8710, -37.6950

Sweetspot

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



132.5370, -4.8650, 27.6070



219.3670, -2.1110, 10.7290



147.3460, -33.1490, 0.5390



107.9170, -0.9640, 6.4600



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



132.5370, -4.8650, 27.6070



157.7670, -7.8480, 43.1280



142.7030, 15.3990, 34.8150



84.9230, -1.1010, 3.4350



37.2190, -11.3360, 62.2960



6.7800, -1.8360, 11.2520

Inverse Universe

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



141.1910, 28.2840, 27.0680



171.3600, 44.4660, 42.1780



158.2970, -15.3990, -34.8150



86.2610, 3.7590, 3.4630



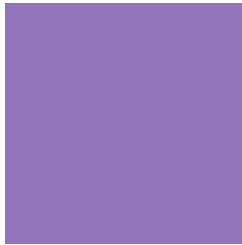
56.9040, 64.0860, 61.0620



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 132.5370, -4.8650, 27.6070 looks on a white background.

Color Contrast Check

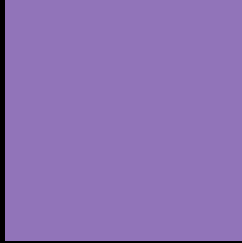
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.5370, -4.8650, 27.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

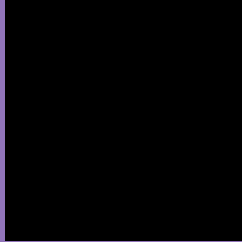
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.5370, -4.8650, 27.6070

Background



This preview shows how black text looks on a background with the YIQ color 132.5370, -4.8650, 27.6070.



This preview shows how white text looks on a background with the YIQ color 132.5370, -4.8650,

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

132.5370, -4.8650, 27.6070

Protanopia

128.3590, -34.0230, 16.3850

Deuteranopia

128.8880, -28.3830, 13.2890



Tritanopia

130.1300, 2.7500, 5.2300

Trichromacy



Original Color

132.5370, -4.8650, 27.6070

Protanomaly

129.8550, -23.6160, 20.5120

Deuteranomaly

130.5410, -19.8560, 18.4480

Tritanomaly

130.7310, -0.1400, 13.5560

Monochromacy



Original Color

132.5370, -4.8650, 27.6070

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8400, -2.0650, 9.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.5370, -4.8650, 27.6070 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(145, 116, 185)` looks like.

```
.text, #text, p{  
    color:rgb(145, 116, 185)  
}
```

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(145, 116, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 116, 185) }
```

Border

The CSS property to change the border of an element to YIQ 132.5370, -4.8650, 27.6070 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(145, 116, 185) }
```


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

```
.border{ border-color:rgb(145, 116, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 116, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 116, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 116, 185);  
box-shadow:4px 4px 4px 4px rgb(145, 116,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 132.5370, -4.8650, 27.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 116, 185) }
```

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

```
.background{ background-color: rgb(145,  
116, 185) }
```

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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