

# Converting Colors

YIQ(128.4330, 25.0270, 36.5390)

Have a look what the booklet for  
YIQ(128.4330, 25.0270, 36.5390)  
contains.

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# Color

**YIQ(128.4330, 25.0270,  
36.5390)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF62A3
RGB	175, 98, 163
RGB Percent	69%, 38%, 64%
CMY	0.3135, 0.6158, 0.3607
CMYK	0.00, 0.44, 0.07, 0.31
HSL	309°, 33%, 54%
HSV	309°, 44%, 69%
XYZ	28.6687, 20.4947, 37.1011
YIQ	128.4330, 25.0270, 36.5390

# Conversions

## Conversions Part 2

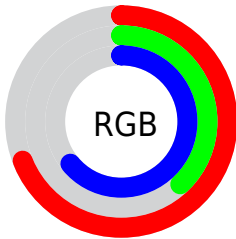
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 98, 163
Decimal	11494051
CIE <sub>Lab</sub>	52.39, 40.53, -21.77
CIE <sub>LCh</sub>	52, 46.007, 331.751
Yxy	20.4947, 0.3323, 0.2376
Android (android.graphics.Color)	4289684131 (0xFFAF62A3)
YUV	128.4330, 17.0415, 40.8393
Hunter-Lab	45.2711, 33.8137, -16.9003

# Details

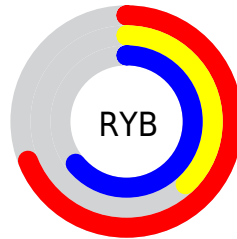
The YIQ color **128.4330, 25.0270, 36.5390** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **144.5670, -25.0270, -36.5390**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.8570, 26.7690, 38.0090**, and **76.4220, 23.5600, 35.5920** is the 20% darker color. If you saturate the color by 10%, you get **117.5250, 30.9400, 45.0200**, and if you desaturate by 10%, it is **138.7540, 19.3890, 28.5810**.

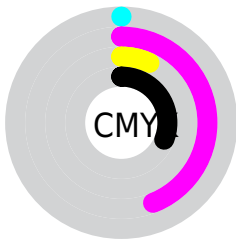
# Distribution



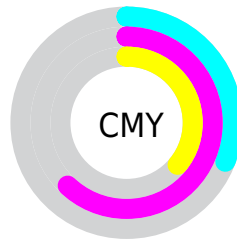
- Red (69%)
- Green (38%)
- Blue (64%)



- Red (69%)
- Yellow (38%)
- Blue (64%)



- Cyan (0%)
- Magenta (44%)
- Yellow (7%)
- Black (31%)




- Cyan (31%)
- Magenta (62%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4330, 25.0270, 36.5390 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 128.4330, 25.0270, 36.5390 by changing the saturation by 10% instead.





 128.4330, 25.0270,  
36.5390


 128.4330, 25.0270,  
36.5390


255.0000, -0.0000,  
-0.0000


 102.7210, 24.1560,  
35.8040


 182.8570, 26.7690,  
38.0090

 76.4220, 23.5600,  
35.5920


 208.8890, 23.7430,  
37.7830


 50.6500, 22.9180,  
36.2140

 226.2370, 13.4750,  
25.6270

 27.8130, 20.9010,  
34.2210

 243.2600, 5.5000,  
10.4600

 18.7270, 14.8510,  
22.7150

 5.1560, -0.1390,  
8.0290

 0.0000, 0.0000,

0.0000

■ 128.4330, 25.0270,  
36.5390

■ 128.4330, 25.0270,  
36.5390

■ 117.5250, 30.9400,  
45.0200

■ 138.7540, 19.3890,  
28.5810

■ 107.3180, 36.2570,  
53.2890

■ 149.5480, 13.7970,  
19.7890

■ 96.4100, 42.1700,  
61.7700

■ 159.8690, 8.1590,  
11.8310

■ 86.0890, 47.8080,  
69.7280

■ 170.7770, 2.2460,  
3.3500

■ 75.1810, 53.7210,  
78.2090

■ 181.6850, -3.6670,  
-5.1310

■ 69.1970, 56.7920,  
83.1280

■ 191.8920, -8.9840,  
-13.4000

■ 202.8000,  
-14.8970, -21.8810

■ 213.1210,  
-20.5350, -29.8390

■ 223.4420,  
-26.1730, -37.7970

# Harmonies

## Analogous

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



127.6760, -15.5020, 27.6500



128.4330, 25.0270, 36.5390



125.5700, 52.2620, 33.0460

# Triad

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



128.4330, 25.0270, 36.5390



120.8170, 39.1590, -21.3610



103.3380, -92.5650, -23.9970

# Complementary

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



128.4330, 25.0270, 36.5390



144.5670, -25.0270, -36.5390

# 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.



98.8920, -80.0460, -36.1260



128.4330, 25.0270, 36.5390



116.7960, 8.1210, -31.5510

# Square

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



128.4330, 25.0270, 36.5390



122.8770, 57.2660, -2.5900



106.9230, -37.7730, -36.8210



103.7090, -100.4990, -12.3630



# Rectangle

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



128.4330, 25.0270, 36.5390



124.3780, 61.2500, 24.3380



106.9230, -37.7730, -36.8210



101.9700, -88.7130, -27.7290

# Sweetspot

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



128.4330, 25.0270, 36.5390



208.8200, 9.8550, 14.1350



110.3660, -17.5650, 26.4910



103.5050, 6.1880, 9.0040



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000



# Same Dimension

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



128.4330, 25.0270, 36.5390



154.3940, 39.0990, 56.8510



124.1010, 37.2250, 24.7210



81.4890, 3.1170, 4.0850



59.3280, 48.6330, 71.2970



9.0430, 7.6090, 10.7850



# Inverse Universe

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



128.4330, 25.0270, 36.5390



154.3940, 39.0990, 56.8510



148.8990, -37.2250, -24.7210



81.4890, 3.1170, 4.0850



59.3280, 48.6330, 71.2970

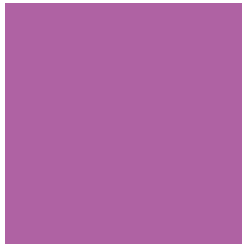


9.0430, 7.6090, 10.7850



# Previews

## White Background



This preview shows how the YIQ color 128.4330, 25.0270, 36.5390 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

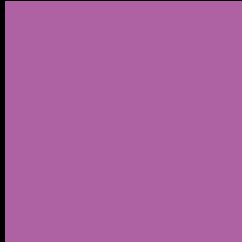
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 128.4330, 25.0270, 36.5390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

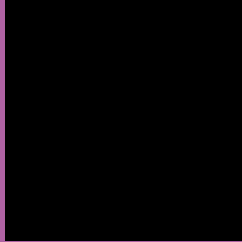
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 128.4330, 25.0270, 36.5390

## Background



This preview shows how black text looks on a background with the YIQ color 128.4330, 25.0270, 36.5390.



This preview shows how white text looks on a background with the YIQ color 128.4330, 25.0270,



# 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

128.4330, 25.0270, 36.5390

### Protanopia

124.7570, -29.3920, 15.0560

### Deuteranopia

126.2070, -13.3440, 10.5600



## Tritanopia

127.1510, 33.7880, 15.4200

# Trichromacy



**Original Color**

128.4330, 25.0270, 36.5390

**Protanomaly**

126.1510, -9.7700, 22.8860

**Deuteranomaly**

127.0180, 0.7300, 19.8180

**Tritanomaly**

127.3390, 30.6230, 23.2230

# Monochromacy



**Original Color**

128.4330, 25.0270, 36.5390

**Achromatopsia**

128.0000, -0.0000, -0.0000

**Achromatomaly**

128.1080, 8.9840, 13.4000

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 128.4330, 25.0270, 36.5390 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(175, 98, 163)` looks like.

```
.text, #text, p{  
    color:rgb(175, 98, 163)  
}
```

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(175, 98, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 98, 163) }
```

## Border

The CSS property to change the border of an element to YIQ 128.4330, 25.0270, 36.5390 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(175, 98, 163) }
```



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

```
.border{ border-color:rgb(175, 98, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 98, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 98, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 98, 163);  
box-shadow:4px 4px 4px 4px rgb(175, 98,  
163) }
```

# Background

The CSS property to change the background color of an element to YIQ 128.4330, 25.0270, 36.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 98, 163) }
```

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

```
.background{ background-color: rgb(175, 98,  
163) }
```

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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