

Converting Colors

YIQ(109.9280, 28.0070, 37.5990)

Have a look what the booklet for
YIQ(109.9280, 28.0070, 37.5990)
contains.

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Color

**YIQ(109.9280, 28.0070,
37.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	A04E8F
RGB	160, 78, 143
RGB Percent	63%, 31%, 56%
CMY	0.3723, 0.6942, 0.4392
CMYK	0.00, 0.51, 0.11, 0.37
HSL	312°, 34%, 47%
HSV	312°, 51%, 63%
XYZ	22.1903, 14.9073, 27.7006
YIQ	109.9280, 28.0070, 37.5990

Conversions

Conversions Part 2

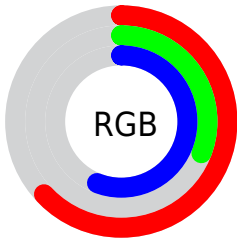
Format	Color
R_{YB}	160, 78, 143
Decimal	10505871
CIE _{Lab}	45.51, 42.76, -20.68
CIE _{LCh}	46, 47.500, 334.189
Yxy	14.9073, 0.3425, 0.2301
Android (android.graphics.Color)	4288695951 (0xFFA04E8F)
YUV	109.9280, 16.3045, 43.9131
Hunter-Lab	38.6100, 35.0215, -15.5104

Details

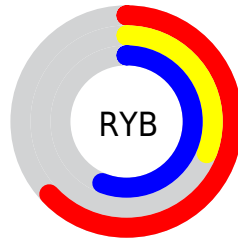
The YIQ color **109.9280, 28.0070, 37.5990** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **128.0720, -28.0070, -37.5990**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3520, 29.7490, 39.0690**, and **57.4440, 26.4940, 37.4860** is the 20% darker color. If you saturate the color by 10%, you get **100.1940, 33.3700, 45.0340**, and if you desaturate by 10%, it is **119.6620, 22.6440, 30.1640**.

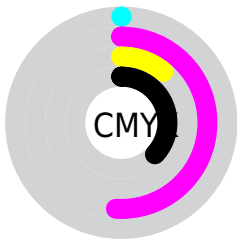
Distribution



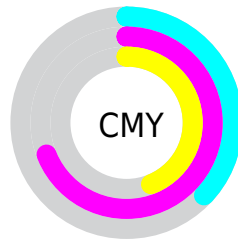
- Red (63%)
- Green (31%)
- Blue (56%)



- Red (63%)
- Yellow (31%)
- Blue (56%)



- Cyan (0%)
- Magenta (51%)
- Yellow (11%)
- Black (37%)





- Cyan (37%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.9280, 28.0070, 37.5990 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 109.9280, 28.0070, 37.5990 by changing the saturation by 10% instead.


 109.9280, 28.0070,
37.5990


 109.9280, 28.0070,
37.5990


255.0000, -0.0000,
-0.0000


 83.6290, 27.4110,
37.3870


 163.6510, 30.3450,
39.2810


 57.4440, 26.4940,
37.4860


 191.3630, 31.2160,
40.0160

 31.7860, 25.5310,
38.4190

 213.7960, 19.5710,
36.2990

 21.6890, 18.0140,
25.9660

 230.3460, 11.5500,
21.9660

 12.1190, 10.4510,
14.3470

 247.3690, 3.5750,
6.7990

 0.0000, 0.0000,
0.0000

109.9280, 28.0070,
37.5990

109.9280, 28.0070,
37.5990

100.1940, 33.3700,
45.0340

119.6620, 22.6440,
30.1640

90.3460, 39.0540,
52.1580

129.5100, 16.9600,
23.0400

80.6120, 44.4170,
59.5930

139.2440, 11.5970,
15.6050

70.8780, 49.7800,
67.0280

148.9780, 6.2340,
8.1700

62.3180, 54.5930,
73.4170


158.8260, 0.5500,
1.0460

168.5600, -4.8130,
-6.3890

178.2940,
-10.1760, -13.8240

188.1420,

-15.8600, -20.9480

 197.8760,
-21.2230, -28.3830

Harmonies

Analogous

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



110.2850, -12.8430, 29.0210



109.9280, 28.0070, 37.5990



106.4670, 54.0500, 33.6820

Triad

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



109.9280, 28.0070, 37.5990



102.2250, 37.8300, -24.8100



91.1760, -83.1210, -18.9370

Complementary

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



109.9280, 28.0070, 37.5990



128.0720, -28.0070, -37.5990

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.



87.3170, -70.8770, -31.5890



109.9280, 28.0070, 37.5990



98.0020, 4.5450, -32.8230

Square

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



109.9280, 28.0070, 37.5990



104.8120, 55.8910, -5.2050



80.8820, -56.8910, -42.7710



91.4330, -90.7340, -7.6140

Rectangle

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



109.9280, 28.0070, 37.5990



105.2640, 61.5710, 24.0270



80.8820, -56.8910, -42.7710



89.8080, -79.2690, -22.6690

Sweetspot

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



109.9280, 28.0070, 37.5990



190.1190, 10.4510, 14.3470



92.1320, -16.7860, 28.8940



93.3910, 6.5090, 8.6930



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



109.9280, 28.0070, 37.5990



129.6120, 44.4170, 59.5930



105.3680, 40.8470, 25.1590



74.0760, 2.8420, 3.5620



55.6390, 48.9550, 65.4590



5.8530, 5.0880, 6.9120

Inverse Universe

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



109.9280, 28.0070, 37.5990



129.6120, 44.4170, 59.5930



132.6320, -40.8470, -25.1590



74.0760, 2.8420, 3.5620



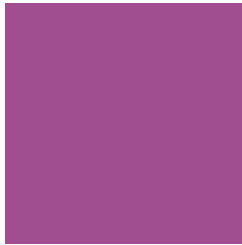
55.6390, 48.9550, 65.4590



5.8530, 5.0880, 6.9120

Previews

White Background



This preview shows how the YIQ color 109.9280, 28.0070, 37.5990 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 109.9280, 28.0070, 37.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

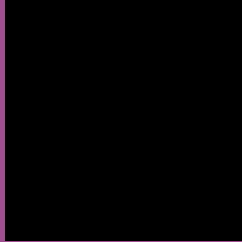
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.9280, 28.0070, 37.5990

Background



This preview shows how black text looks on a background with the YIQ color 109.9280, 28.0070, 37.5990.



This preview shows how white text looks on a background with the YIQ color 109.9280, 28.0070,

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

109.9280, 28.0070, 37.5990

Protanopia

107.0450, -30.2630, 14.3210

Deuteranopia

108.7510, -12.0600, 9.3160



Tritanopia

109.4180, 37.4100, 15.8580

Trichromacy



Original Color

109.9280, 28.0070, 37.5990

Protanomaly

108.3360, -8.8530, 22.7870

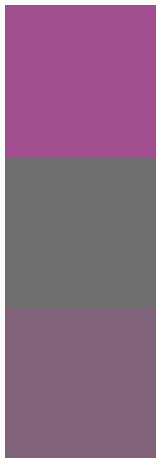
Deuteranomaly

109.3880, 2.5640, 19.6200

Tritanomaly

109.6060, 34.2450, 23.6610

Monochromacy



Original Color

109.9280, 28.0070, 37.5990

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7060, 10.1760, 13.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.9280, 28.0070, 37.5990 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(160, 78, 143)` looks like.

```
.text, #text, p{  
    color:rgb(160, 78, 143)  
}
```

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(160, 78, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 78, 143) }
```

Border

The CSS property to change the border of an element to YIQ 109.9280, 28.0070, 37.5990 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(160, 78, 143) }
```


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

```
.border{ border-color:rgb(160, 78, 143) }
```

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

Here you see how a box with a 4 pixel rgb(160, 78, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 78, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 78, 143);  
box-shadow:4px 4px 4px 4px rgb(160, 78,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 109.9280, 28.0070, 37.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 78, 143) }
```

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

```
.background{ background-color: rgb(160, 78,  
143) }
```

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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