

Converting Colors

YIQ(109.2870, 28.3740, 36.4540)

Have a look what the booklet for
YIQ(109.2870, 28.3740, 36.4540)
contains.

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Color

**YIQ(109.2870, 28.3740,
36.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	9F4E8C
RGB	159, 78, 140
RGB Percent	62%, 31%, 55%
CMY	0.3762, 0.6942, 0.4509
CMYK	0.00, 0.51, 0.12, 0.38
HSL	314°, 34%, 46%
HSV	314°, 51%, 62%
XYZ	21.7666, 14.7149, 26.5103
YIQ	109.2870, 28.3740, 36.4540

Conversions

Conversions Part 2

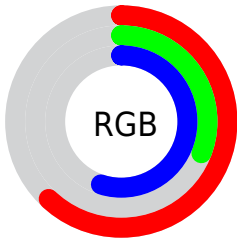
Format	Color
R_{YB}	159, 78, 140
Decimal	10440332
CIE _{Lab}	45.24, 41.94, -19.30
CIE _{LCh}	45, 46.162, 335.289
Yxy	14.7149, 0.3455, 0.2336
Android (android.graphics.Color)	4288630412 (0xFF9F4E8C)
YUV	109.2870, 15.1415, 43.5983
Hunter-Lab	38.3600, 34.1564, -14.1230

Details

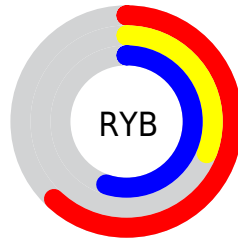
The YIQ color **109.2870, 28.3740, 36.4540** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.7130, -28.3740, -36.4540**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7110, 30.1160, 37.9240**, and **56.9170, 26.5400, 36.6520** is the 20% darker color. If you saturate the color by 10%, you get **99.4390, 34.0580, 43.5780**, and if you desaturate by 10%, it is **119.1350, 22.6900, 29.3300**.

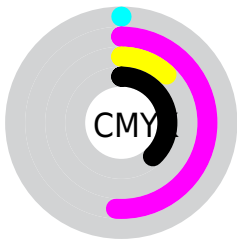
Distribution



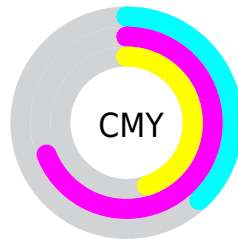
- Red (62%)
- Green (31%)
- Blue (55%)



- Red (62%)
- Yellow (31%)
- Blue (55%)



- Cyan (0%)
- Magenta (51%)
- Yellow (12%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.2870, 28.3740, 36.4540 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 109.2870, 28.3740, 36.4540 by changing the saturation by 10% instead.

109.2870, 28.3740,
36.4540

109.2870, 28.3740,
36.4540

255.0000, -0.0000,
-0.0000

83.5750, 27.5030,
35.7190

162.7110, 30.1160,
37.9240

56.9170, 26.5400,
36.6520

190.7220, 31.5830,
38.8710

31.1450, 25.8980,
37.2740

212.7530, 21.1300,
35.5780

21.4610, 18.6560,
25.3440

230.3460, 11.5500,
21.9660

11.5920, 10.4970,
13.5130

246.7820, 3.8500,
7.3220

0.0000, 0.0000,
0.0000

109.2870, 28.3740,
36.4540

109.2870, 28.3740,
36.4540

99.4390, 34.0580,
43.5780

119.1350, 22.6900,
29.3300

89.7050, 39.4210,
51.0130

128.8690, 17.3270,
21.8950

79.8570, 45.1050,
58.1370

138.7170, 11.6430,
14.7710

70.0090, 50.7890,
65.2610

148.5650, 5.9590,
7.6470

61.4490, 55.6020,
71.6500


158.4130, 0.2750,
0.5230

167.5600, -4.8130,
-6.3890

177.4080,
-10.4970, -13.5130

187.2560,

-16.1810, -20.6370

 197.1040,
-21.8650, -27.7610

Harmonies

Analogous

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



109.5410, -10.6880, 28.5120



109.2870, 28.3740, 36.4540



105.9290, 52.6290, 31.9010

Triad

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



109.2870, 28.3740, 36.4540



101.4960, 35.6290, -23.4670



90.5890, -82.8460, -18.4140

Complementary

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



109.2870, 28.3740, 36.4540



127.7130, -28.3740, -36.4540

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.



86.8440, -70.9230, -30.7550



109.2870, 28.3740, 36.4540



97.3440, 3.5820, -31.8900

Square

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



109.2870, 28.3740, 36.4540



104.3280, 54.3780, -5.3180



80.5230, -57.2580, -41.6260



90.6180, -89.8170, -7.7130

Rectangle

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



109.2870, 28.3740, 36.4540



104.7260, 60.1500, 22.2460



80.5230, -57.2580, -41.6260



89.2210, -78.9940, -22.1460

Sweetspot

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



109.2870, 28.3740, 36.4540



187.8910, 11.0930, 13.7250



92.9150, -14.6770, 29.2190



93.2770, 6.8300, 8.3820



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.



109.2870, 28.3740, 36.4540



129.6180, 44.2800, 56.5680



104.7270, 41.2140, 24.0140



74.0760, 2.8420, 3.5620



55.1830, 50.2390, 64.2150



5.8530, 5.0880, 6.9120

Inverse Universe

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



109.2870, 28.3740, 36.4540



129.6180, 44.2800, 56.5680



132.2730, -41.2140, -24.0140



74.0760, 2.8420, 3.5620



55.1830, 50.2390, 64.2150



5.8530, 5.0880, 6.9120

Previews

White Background



This preview shows how the YIQ color 109.2870, 28.3740, 36.4540 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 109.2870, 28.3740, 36.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

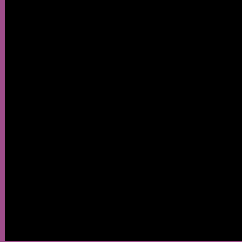
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.2870, 28.3740, 36.4540

Background



This preview shows how black text looks on a background with the YIQ color 109.2870, 28.3740, 36.4540.



This preview shows how white text looks on a background with the YIQ color 109.2870, 28.3740,

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

109.2870, 28.3740, 36.4540

Protanopia

107.0020, -28.7040, 13.6000

Deuteranopia

108.7080, -10.5010, 8.5950



Tritanopia

108.5320, 37.0890, 16.1690

Trichromacy



Original Color

109.2870, 28.3740, 36.4540

Protanomaly

107.9940, -7.8900, 21.8540

Deuteranomaly

109.0460, 3.5270, 18.6870

Tritanomaly

108.6060, 34.2450, 23.6610

Monochromacy



Original Color

109.2870, 28.3740, 36.4540

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.1790, 10.2220, 12.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.2870, 28.3740, 36.4540 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(159, 78, 140)` looks like.

```
.text, #text, p{  
  color:rgb(159, 78, 140)  
}
```

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(159, 78, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 78, 140) }
```

Border

The CSS property to change the border of an element to YIQ 109.2870, 28.3740, 36.4540 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(159, 78, 140) }
```


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

```
.border{ border-color:rgb(159, 78, 140) }
```

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

Here you see how a box with a 4 pixel rgb(159, 78, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 78, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 78, 140);  
box-shadow:4px 4px 4px 4px rgb(159, 78,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 109.2870, 28.3740, 36.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 78, 140) }
```

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

```
.background{ background-color: rgb(159, 78,  
140) }
```

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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