

Converting Colors

YIQ(110.2340, 35.8930, 37.8530)

Have a look what the booklet for
YIQ(110.2340, 35.8930, 37.8530)
contains.

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Color

**YIQ(110.2340, 35.8930,
37.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	A84C87
RGB	168, 76, 135
RGB Percent	66%, 30%, 53%
CMY	0.3409, 0.7021, 0.4705
CMYK	0.00, 0.55, 0.20, 0.34
HSL	322°, 38%, 48%
HSV	322°, 55%, 66%
XYZ	23.1190, 15.2455, 24.6550
YIQ	110.2340, 35.8930, 37.8530

Conversions

Conversions Part 2

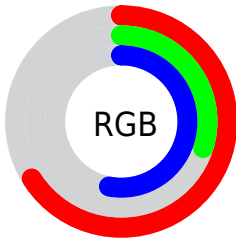
Format	Color
R_{YB}	168, 76, 135
Decimal	11029639
CIE _{Lab}	45.97, 45.01, -15.06
CIE _{LCh}	46, 47.461, 341.500
Yxy	15.2455, 0.3669, 0.2419
Android (android.graphics.Color)	4289219719 (0xFFA84C87)
YUV	110.2340, 12.2096, 50.6608
Hunter-Lab	39.0455, 37.3610, -10.1063

Details

The YIQ color **110.2340, 35.8930, 37.8530** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **133.7660, -35.8930, -37.8530**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4300, 38.2770, 38.7010**, and **55.8040, 34.2880, 39.4080** is the 20% darker color. If you saturate the color by 10%, you get **99.5710, 42.4940, 44.8780**, and if you desaturate by 10%, it is **120.8970, 29.2920, 30.8280**.

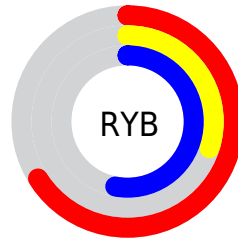
Distribution



Red (66%)

Green (30%)

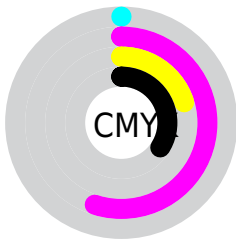
Blue (53%)



Red (66%)

Yellow (30%)

Blue (53%)

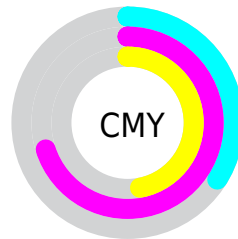


Cyan (0%)

Magenta (55%)

Yellow (20%)

Black (34%)



Cyan (34%)

Magenta (70%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.2340, 35.8930, 37.8530 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 110.2340, 35.8930, 37.8530 by changing the saturation by 10% instead.

■ 110.2340, 35.8930,
37.8530

■ 110.2340, 35.8930,
37.8530

■ 255.0000, -0.0000,
-0.0000

■ 83.7500, 34.3800,
37.7400

■ 164.4300, 38.2770,
38.7010

■ 55.8040, 34.2880,
39.4080

■ 192.4410, 39.7440,
39.6480

■ 33.0810, 31.9500,
37.7260

■ 211.5960, 23.0100,
34.5460

■ 22.7990, 23.5160,
25.3720

■ 229.7590, 11.8250,
22.4890

■ 13.5280, 16.5490,
13.9650

■ 246.7820, 3.8500,
7.3220

■ 0.0000, 0.0000,
0.0000

110.2340, 35.8930,
37.8530

110.2340, 35.8930,
37.8530

99.5710, 42.4940,
44.8780

120.8970, 29.2920,
30.8280

88.9080, 49.0950,
51.9030

131.5600, 22.6910,
23.8030

78.8320, 55.4210,
58.4050

141.6360, 16.3650,
17.3010

68.1690, 62.0220,
65.4300

152.2990, 9.7640,
10.2760

62.5440, 65.4600,
69.2040


162.9620, 3.1630,
3.2510

173.6250, -3.4380,
-3.7740

184.2880,
-10.0390, -10.7990

194.3640,

-16.3650, -17.3010

 205.0270,
-22.9660, -24.3260

Harmonies

Analogous

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



112.4390, -1.4730, 32.2150



110.2340, 35.8930, 37.8530



107.2130, 57.5810, 30.2610

Triad

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



110.2340, 35.8930, 37.8530



102.5230, 30.9990, -27.6650



92.3160, -86.3310, -15.8270

Complementary

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



110.2340, 35.8930, 37.8530



133.7660, -35.8930, -37.8530

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.



89.1580, -74.6830, -28.6910



110.2340, 35.8930, 37.8530



97.3860, -5.4040, -34.2360

Square

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



110.2340, 35.8930, 37.8530



105.6820, 53.1410, -10.4350



83.3100, -60.9720, -40.3960



91.4160, -92.0640, -5.5360

Rectangle

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



110.2340, 35.8930, 37.8530



106.4010, 62.4430, 19.2350



83.3100, -60.9720, -40.3960



91.5350, -82.7540, -20.0820

Sweetspot

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



110.2340, 35.8930, 37.8530



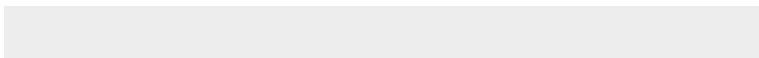
197.0870, 13.4770, 14.5730



96.0560, -10.4600, 35.3960



96.7610, 8.3430, 8.4950



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



110.2340, 35.8930, 37.8530



128.5440, 56.2920, 59.1400



105.1040, 50.3380, 23.8580



78.9620, 3.1630, 3.2510



55.0820, 57.7130, 60.9210



7.4620, 7.7470, 8.2830

Inverse Universe

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



110.2340, 35.8930, 37.8530



128.5440, 56.2920, 59.1400



138.8960, -50.3380, -23.8580



78.9620, 3.1630, 3.2510



55.0820, 57.7130, 60.9210



7.4620, 7.7470, 8.2830

Previews

White Background



This preview shows how the YIQ color 110.2340, 35.8930, 37.8530 looks on a white background.

Color Contrast Check

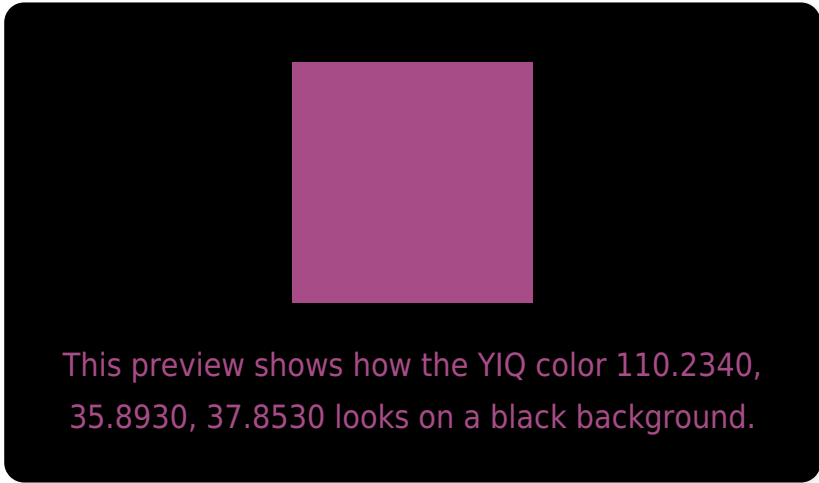
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

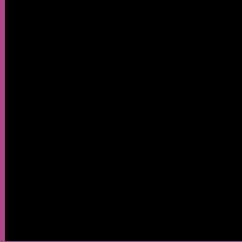
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.2340, 35.8930, 37.8530

Background



This preview shows how black text looks on a background with the YIQ color 110.2340, 35.8930, 37.8530.



This preview shows how white text looks on a background with the YIQ color 110.2340, 35.8930,

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

110.2340, 35.8930, 37.8530

Protanopia

109.2150, -24.9900, 12.3700

Deuteranopia

110.5190, -5.5950, 7.7890



Tritanopia

110.0060, 44.5620, 18.4020

Trichromacy



Original Color

110.2340, 35.8930, 37.8530

Protanomaly

109.3320, -3.0300, 21.8820

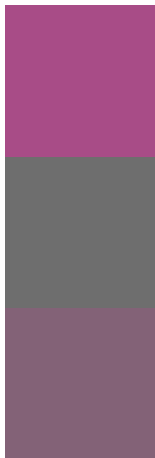
Deuteranomaly

110.5690, 9.3040, 18.6160

Tritanomaly

109.7810, 41.1220, 25.6820

Monochromacy



Original Color

110.2340, 35.8930, 37.8530

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2610, 12.9270, 13.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.2340, 35.8930, 37.8530 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(168, 76, 135)` looks like.

```
.text, #text, p{  
    color:rgb(168, 76, 135)  
}
```

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(168, 76, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 76, 135) }
```

Border

The CSS property to change the border of an element to YIQ 110.2340, 35.8930, 37.8530 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(168, 76, 135) }
```


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

```
.border{ border-color:rgb(168, 76, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 76, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 76, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 76, 135);  
box-shadow:4px 4px 4px 4px rgb(168, 76,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 110.2340, 35.8930, 37.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 76, 135) }
```

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

```
.background{ background-color: rgb(168, 76,  
135) }
```

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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