

Converting Colors

YIQ(69.1350, 22.6900, 29.3300)

Have a look what the booklet for
YIQ(69.1350, 22.6900, 29.3300)
contains.

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Color

**YIQ(69.1350, 22.6900,
29.3300)**

Conversions

Conversions Part 1

Format	Color
Hex	6D2C5E
RGB	109, 44, 94
RGB Percent	43%, 17%, 37%
CMY	0.5724, 0.8275, 0.6313
CMYK	0.00, 0.60, 0.14, 0.57
HSL	314°, 43%, 30%
HSV	314°, 60%, 43%
XYZ	9.2331, 5.8619, 11.2376
YIQ	69.1350, 22.6900, 29.3300

Conversions

Conversions Part 2

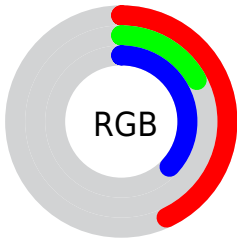
Format	Color
RYB	109, 44, 94
Decimal	7154782
CIELab	29.06, 35.62, -16.12
CIElCh	29, 39.096, 335.647
Yxy	5.8619, 0.3506, 0.2226
Android (android.graphics.Color)	4285344862 (0xFF6D2C5E)
YUV	69.1350, 12.2584, 34.9616
Hunter-Lab	24.2114, 25.7017, -10.5710

Details

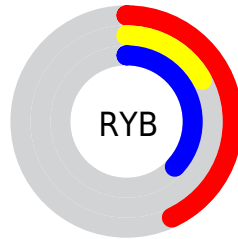
The YIQ color **69.1350, 22.6900, 29.3300** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **83.8650, -22.6900, -29.3300**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **119.5590, 24.4320, 30.8000**, and **23.1130, 19.7560, 27.4360** is the 20% darker color. If you saturate the color by 10%, you get **62.3360, 26.6780, 34.1500**, and if you desaturate by 10%, it is **75.9340, 18.7020, 24.5100**.

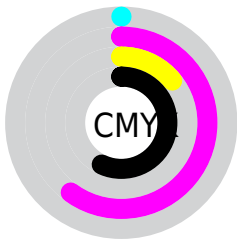
Distribution



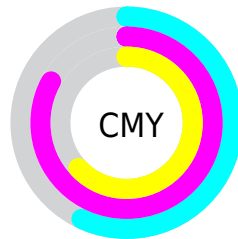
- Red (43%)
- Green (17%)
- Blue (37%)



- Red (43%)
- Yellow (17%)
- Blue (37%)



- Cyan (0%)
- Magenta (60%)
- Yellow (14%)
- Black (57%)





- Cyan (57%)
- Magenta (83%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.1350, 22.6900, 29.3300 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 69.1350, 22.6900, 29.3300 by changing the saturation by 10% instead.


 69.1350, 22.6900,
29.3300


 69.1350, 22.6900,
29.3300


255.0000, -0.0000,
-0.0000


 43.9500, 21.7730,
29.4290

 119.5590, 24.4320,
30.8000


 23.1130, 19.7560,
27.4360


 146.1570, 25.6240,
31.2240

 14.7390, 14.5770,
16.6650

 173.1680, 27.0910,
32.1710

 0.0000, 0.0000,
0.0000

 200.9940, 27.6410,
33.2170

 222.7150, 15.1250,
28.7650

 239.7380, 7.1500,

13.5980

■ 69.1350, 22.6900,
29.3300

■ 69.1350, 22.6900,
29.3300

■ 62.3360, 26.6780,
34.1500

■ 75.9340, 18.7020,
24.5100

■ 55.6510, 30.3450,
39.2810

■ 82.6190, 15.0350,
19.3790

■ 48.8520, 34.3330,
44.1010

■ 89.4180, 11.0470,
14.5590

■ 42.1670, 38.0000,
49.2320

■ 96.1030, 7.3800,
9.4280

■ 102.9020, 3.3920,
4.6080

■ 109.0000, -0.0000,
0.0000

■ 115.7990, -3.9880,
-4.8200

■ 122.4840, -7.6550,
-9.9510

■ 129.2830,
-11.6430, -14.7710

Harmonies

Analogous

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



70.2220, -8.5320, 22.4760



69.1350, 22.6900, 29.3300



65.4930, 41.9930, 26.4170

Triad

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



69.1350, 22.6900, 29.3300



63.8250, 27.5130, -19.5510



59.8760, -55.6130, -10.8530

Complementary

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



69.1350, 22.6900, 29.3300



83.8650, -22.6900, -29.3300

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.



56.5700, -46.3040, -19.8720



69.1350, 22.6900, 29.3300



60.4350, 2.0680, -26.4760

Square

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



69.1350, 22.6900, 29.3300



65.5700, 41.9530, -5.9110



52.3350, -35.7570, -29.3010



59.8080, -60.9330, -2.5410

Rectangle

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



69.1350, 22.6900, 29.3300



65.2620, 46.7170, 17.8930



52.3350, -35.7570, -29.3010



58.8500, -52.7240, -13.6520

Sweetspot

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



69.1350, 22.6900, 29.3300



127.0540, 9.0760, 11.7320



55.5960, -12.5210, 23.1830



61.8530, 5.0880, 6.9120



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



69.1350, 22.6900, 29.3300



79.8030, 36.0290, 46.4050



65.4870, 32.9620, 19.3780



50.2500, 2.2920, 2.5160



45.2430, 40.8420, 52.7940



94.6870, 85.6720, 110.4080

Inverse Universe

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



69.1350, 22.6900, 29.3300



79.8030, 36.0290, 46.4050



87.5130, -32.9620, -19.3780



50.2500, 2.2920, 2.5160



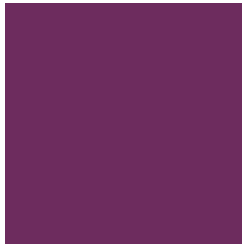
45.2430, 40.8420, 52.7940



94.6870, 85.6720, 110.4080

Previews

White Background



This preview shows how the YIQ color 69.1350, 22.6900, 29.3300 looks on a white background.

Color Contrast Check

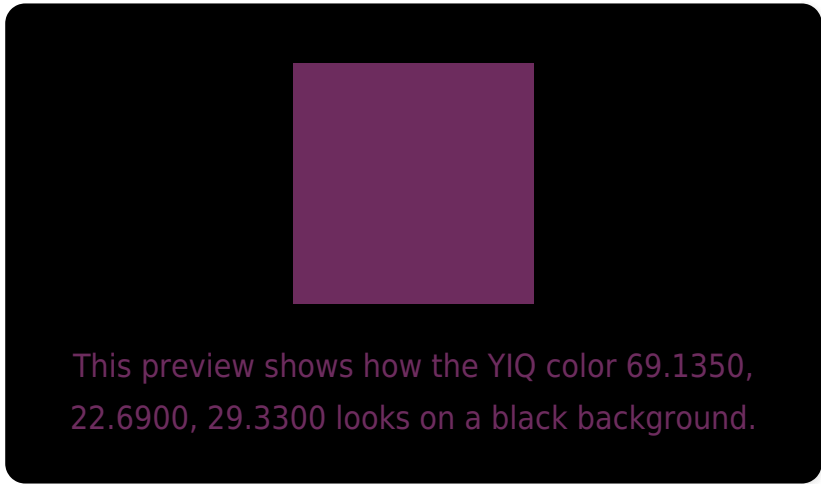
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

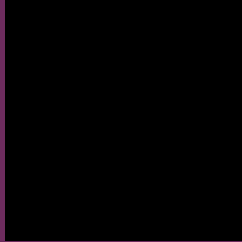
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.1350, 22.6900, 29.3300

Background



This preview shows how black text looks on a background with the YIQ color 69.1350, 22.6900, 29.3300.



This preview shows how white text looks on a background with the YIQ color 69.1350, 22.6900,

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

69.1350, 22.6900, 29.3300

Protanopia

68.0470, -24.5770, 10.3910

Deuteranopia

69.6110, -8.8500, 6.2060



Tritanopia

69.0040, 29.7080, 12.2680

Trichromacy



Original Color

69.1350, 22.6900, 29.3300

Protanomaly

68.2450, -7.3390, 17.3730

Deuteranomaly

69.2260, 2.8400, 14.6160

Tritanomaly

69.0240, 26.9560, 18.0920

Monochromacy



Original Color

69.1350, 22.6900, 29.3300

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.2280, 8.5260, 10.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.1350, 22.6900, 29.3300 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(109, 44, 94)` looks like.

```
.text, #text, p{  
    color:rgb(109, 44, 94)  
}
```

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(109, 44, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 44, 94) }
```

Border

The CSS property to change the border of an element to YIQ 69.1350, 22.6900, 29.3300 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(109, 44, 94) }
```


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

```
.border{ border-color:rgb(109, 44, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 44, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 44, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 44, 94);  
box-shadow:4px 4px 4px 4px rgb(109, 44,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 69.1350, 22.6900, 29.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 44, 94) }
```

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

```
.background{ background-color: rgb(109, 44,  
94) }
```

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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