

Converting Colors

YIQ(69.2470, 16.6830, 33.5710)

Have a look what the booklet for
YIQ(69.2470, 16.6830, 33.5710)
contains.

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Color

**YIQ(69.2470, 16.6830,
33.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	6A2B6C
RGB	106, 43, 108
RGB Percent	42%, 17%, 42%
CMY	0.5841, 0.8315, 0.5765
CMYK	0.02, 0.60, 0.00, 0.58
HSL	298°, 43%, 30%
HSV	298°, 60%, 42%
XYZ	9.5195, 5.8758, 14.8209
YIQ	69.2470, 16.6830, 33.5710

Conversions

Conversions Part 2

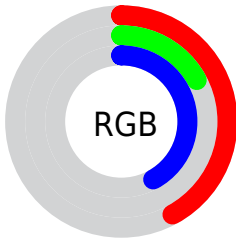
Format	Color
R_{YB}	106, 43, 108
Decimal	6957932
CIE _{Lab}	29.10, 37.82, -25.13
CIE _{LCh}	29, 45.404, 326.398
Yxy	5.8758, 0.3150, 0.1945
Android (android.graphics.Color)	4285148012 (0xFF6A2B6C)
YUV	69.2470, 19.1052, 32.2324
Hunter-Lab	24.2400, 27.6805, -19.2832

Details

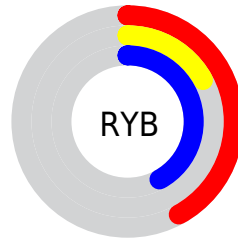
The YIQ color **69.2470, 16.6830, 33.5710** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.7530, -16.6830, -33.5710**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.3720, 17.8290, 34.8290**, and **23.5840, 14.1160, 30.5320** is the 20% darker color. If you saturate the color by 10%, you get **62.7900, 19.7080, 39.3240**, and if you desaturate by 10%, it is **75.7040, 13.6580, 27.8180**.

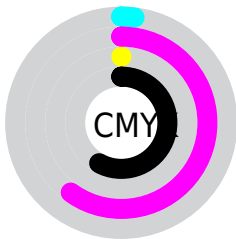
Distribution



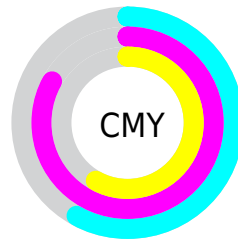
- Red (42%)
- Green (17%)
- Blue (42%)



- Red (42%)
- Yellow (17%)
- Blue (42%)



- Cyan (2%)
- Magenta (60%)
- Yellow (0%)
- Black (58%)



- Cyan (58%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.2470, 16.6830, 33.5710 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 69.2470, 16.6830, 33.5710 by changing the saturation by 10% instead.

69.2470, 16.6830,
33.5710

69.2470, 16.6830,
33.5710

255.0000, -0.0000,
-0.0000

43.6600, 16.9580,
34.0940

120.3720, 17.8290,
34.8290

23.5840, 14.1160,
30.5320

146.4970, 18.9750,
36.0870

15.0960, 9.2580,
19.4500

173.9100, 19.2500,
36.6100

2.2970, -5.0900,
4.1420

201.6220, 20.1210,
37.3450

0.0000, 0.0000,
0.0000

222.1280, 15.4000,
29.2880

239.1510, 7.4250,

14.1210

■ 69.2470, 16.6830,
33.5710

■ 69.2470, 16.6830,
33.5710

■ 62.7900, 19.7080,
39.3240

■ 75.7040, 13.6580,
27.8180

■ 56.0340, 22.1370,
44.8650

■ 82.4600, 11.2290,
22.2770

■ 50.1640, 24.8870,
50.0950

■ 88.3300, 8.4790,
17.0470

■ 43.7070, 27.9120,
55.8480

■ 94.7870, 5.4540,
11.2940

■ 101.5430, 3.0250,
5.7530

■ 108.0000, -0.0000,
0.0000

■ 114.4570, -3.0250,
-5.7530

■ 120.6260, -5.1790,
-10.7710

■ 127.0830, -8.2040,
-16.5240

Harmonies

Analogous

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



67.8980, -25.1750, 21.2330



69.2470, 16.6830, 33.5710



62.8450, 44.2380, 35.2940

Triad

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



69.2470, 16.6830, 33.5710



65.0540, 34.2980, -15.8620



60.5940, -54.8790, -13.1430

Complementary

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



69.2470, 16.6830, 33.5710



81.7530, -16.6830, -33.5710

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.



56.4900, -43.3230, -24.3390



69.2470, 16.6830, 33.5710



60.7580, 11.2840, -28.3000

Square

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



69.2470, 16.6830, 33.5710



64.2940, 51.7180, -1.1620



50.5110, -30.6210, -34.2770



62.0250, -63.0420, -2.8660

Rectangle

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



69.2470, 16.6830, 33.5710



61.7070, 53.1340, 28.2540



50.5110, -30.6210, -34.2770



59.2260, -51.0270, -16.8750

Sweetspot

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



69.2470, 16.6830, 33.5710



125.0260, 6.2790, 12.8630



51.5840, -21.4150, 19.1690



62.1950, 4.1250, 7.8450



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.



69.2470, 16.6830, 33.5710



79.8160, 25.9870, 52.1870



66.4250, 27.5050, 24.6650



50.1790, 1.0540, 2.9260



47.4240, 30.3870, 60.5550



98.7930, 62.6070, 126.4390

Inverse Universe

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



62.6630, 38.0980, 14.4020



69.5410, 59.2330, 22.3450



84.5750, -27.5050, -24.6650



49.7940, 3.5760, 1.2720



35.4390, 68.4480, 26.0480



74.0530, 143.7730, 54.1170

Previews

White Background



This preview shows how the YIQ color 69.2470, 16.6830, 33.5710 looks on a white background.

Color Contrast Check

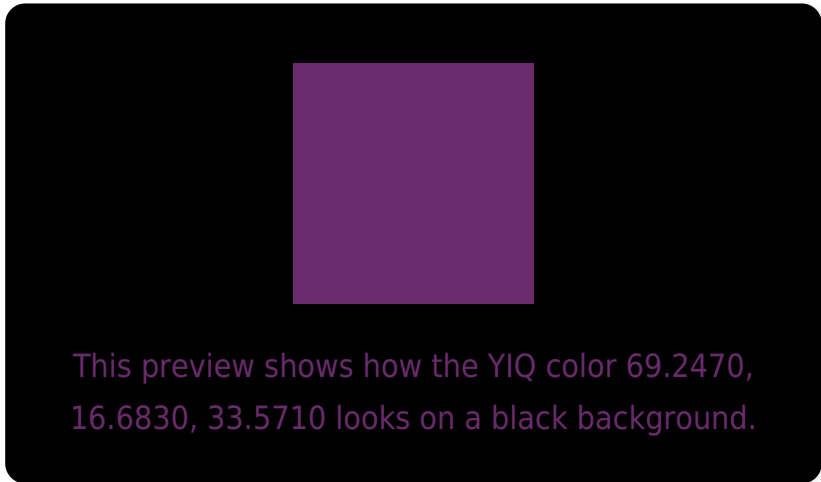
Large Text (above 18pt) WCAG AA ✓ Pass

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

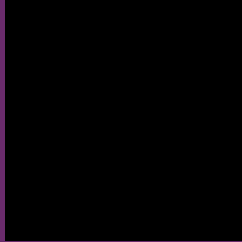
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.2470, 16.6830, 33.5710

Background



This preview shows how black text looks on a background with the YIQ color 69.2470, 16.6830, 33.5710.



This preview shows how white text looks on a background with the YIQ color 69.2470, 16.6830,

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

69.2470, 16.6830, 33.5710

Protanopia

64.9130, -38.6990, 13.0210

Deuteranopia

68.5050, -20.1750, 7.7050



Tritanopia

69.6120, 24.9400, 10.5720

Trichromacy



Original Color

69.2470, 16.6830, 33.5710

Protanomaly

66.1930, -18.7560, 20.5400

Deuteranomaly

69.0170, -6.6970, 16.7510

Tritanomaly

69.2130, 22.0500, 18.8980

Monochromacy



Original Color

69.2470, 16.6830, 33.5710

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.2000, 5.7290, 11.8170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.2470, 16.6830, 33.5710 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(106, 43, 108)` looks like.

```
.text, #text, p{  
    color:rgb(106, 43, 108)  
}
```

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(106, 43, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 43, 108) }
```

Border

The CSS property to change the border of an element to YIQ 69.2470, 16.6830, 33.5710 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(106, 43, 108) }
```


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

```
.border{ border-color:rgb(106, 43, 108) }
```

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

Here you see how a box with a 4 pixel rgb(106, 43, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 43, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 43, 108);  
box-shadow:4px 4px 4px 4px rgb(106, 43,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 69.2470, 16.6830, 33.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 43, 108) }
```

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

```
.background{ background-color: rgb(106, 43,  
108) }
```

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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