

Converting Colors

YIQ(69.9070, 23.3320, 28.7080)

Have a look what the booklet for
YIQ(69.9070, 23.3320, 28.7080)
contains.

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Color

**YIQ(69.9070, 23.3320,
28.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	6E2D5D
RGB	110, 45, 93
RGB Percent	43%, 18%, 36%
CMY	0.5684, 0.8236, 0.6352
CMYK	0.00, 0.59, 0.15, 0.57
HSL	316°, 42%, 30%
HSV	316°, 59%, 43%
XYZ	9.3500, 5.9833, 11.0213
YIQ	69.9070, 23.3320, 28.7080

Conversions

Conversions Part 2

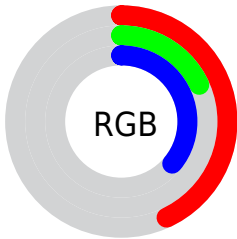
Format	Color
RYB	110, 45, 93
Decimal	7220573
CIELab	29.37, 35.25, -14.98
CIELCh	29, 38.304, 336.973
Yxy	5.9833, 0.3548, 0.2270
Android (android.graphics.Color)	4285410653 (0xFF6E2D5D)
YUV	69.9070, 11.3848, 35.1616
Hunter-Lab	24.4607, 25.4246, -9.5918

Details

The YIQ color **69.9070, 23.3320, 28.7080** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **85.0930, -23.3320, -28.7080**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.2170, 25.3950, 29.8670**, and **23.2980, 20.6730, 27.3370** is the 20% darker color. If you saturate the color by 10%, you get **63.1080, 27.3200, 33.5280**, and if you desaturate by 10%, it is **76.7060, 19.3440, 23.8880**.

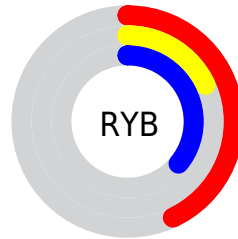
Distribution



Red (43%)

Green (18%)

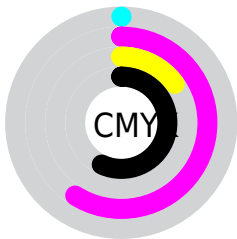
Blue (36%)



Red (43%)

Yellow (18%)

Blue (36%)

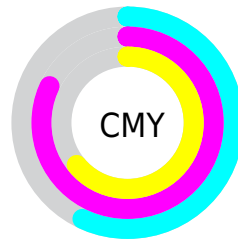


Cyan (0%)

Magenta (59%)

Yellow (15%)

Black (57%)



Cyan (57%)

Magenta (82%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.9070, 23.3320, 28.7080 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 69.9070, 23.3320, 28.7080 by changing the saturation by 10% instead.

69.9070, 23.3320,
28.7080

69.9070, 23.3320,
28.7080

255.0000, -0.0000,
-0.0000

44.7220, 22.4150,
28.8070

120.2170, 25.3950,
29.8670

23.2980, 20.6730,
27.3370

146.9290, 26.2660,
30.6020

15.0380, 15.1730,
16.8770

173.9400, 27.7330,
31.5490

0.0000, 0.0000,
0.0000

201.6520, 28.6040,
32.2840

223.1880, 15.1710,
27.9310

240.3250, 6.8750,

13.0750

■ 69.9070, 23.3320,
28.7080

■ 69.9070, 23.3320,
28.7080

■ 63.1080, 27.3200,
33.5280

■ 76.7060, 19.3440,
23.8880

■ 56.3090, 31.3080,
38.3480

■ 83.5050, 15.3560,
19.0680

■ 49.5100, 35.2960,
43.1680

■ 90.3040, 11.3680,
14.2480

■ 42.7110, 39.2840,
47.9880

■ 97.1030, 7.3800,
9.4280

■ 42.1240, 39.5590,
48.5110

■ 103.7880, 3.7130,
4.2970

■ 110.5870, -0.2750,
-0.5230

■ 117.3860, -4.2630,
-5.3430

■ 124.1850, -8.2510,
-10.1630

■ 130.9840,
-12.2390, -14.9830

Harmonies

Analogous

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



71.0050, -6.4230, 22.8010



69.9070, 23.3320, 28.7080



66.6670, 41.4430, 25.3710

Triad

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



69.9070, 23.3320, 28.7080



64.1130, 26.6420, -20.2860



59.9900, -55.9340, -10.5420

Complementary

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



69.9070, 23.3320, 28.7080



85.0930, -23.3320, -28.7080

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.



57.3850, -47.2210, -19.7730



69.9070, 23.3320, 28.7080



60.8910, 0.7840, -25.2320

Square

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



69.9070, 23.3320, 28.7080



66.2710, 41.3570, -6.1230



52.6770, -36.7200, -28.3680



59.9220, -61.2540, -2.2300

Rectangle

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



69.9070, 23.3320, 28.7080



66.4360, 46.1670, 16.8470



52.6770, -36.7200, -28.3680



59.5510, -53.3200, -13.8640

Sweetspot

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



69.9070, 23.3320, 28.7080



126.9400, 9.3970, 11.4210



57.1940, -11.3290, 23.6070



61.7390, 5.4090, 6.6010



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.



69.9070, 23.3320, 28.7080



80.0480, 36.7170, 44.9490



66.2590, 33.6040, 18.7560



52.3640, 1.9710, 2.8270



45.9120, 43.2720, 52.8080



94.7150, 88.4690, 109.2770

Inverse Universe

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



69.9070, 23.3320, 28.7080



80.0480, 36.7170, 44.9490



88.7410, -33.6040, -18.7560



52.3640, 1.9710, 2.8270



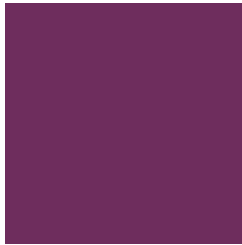
45.9120, 43.2720, 52.8080



94.7150, 88.4690, 109.2770

Previews

White Background



This preview shows how the YIQ color 69.9070, 23.3320, 28.7080 looks on a white background.

Color Contrast Check

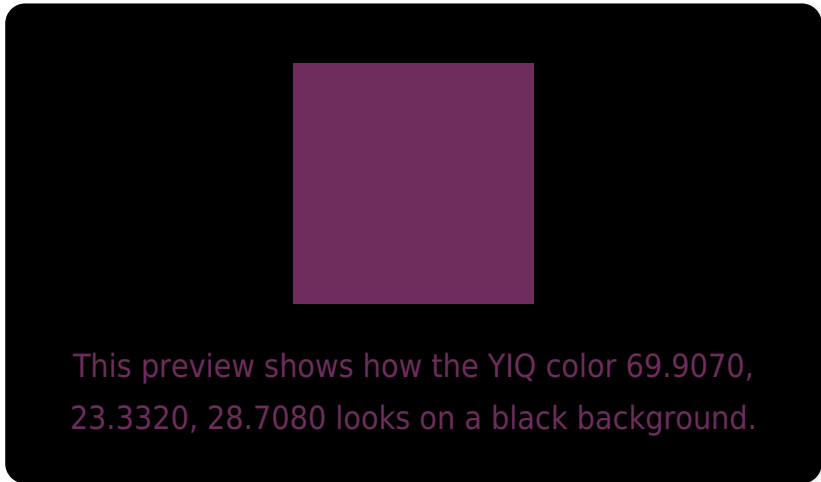
Large Text (above 18pt) WCAG AA ✓ Pass

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

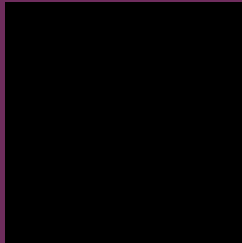
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.9070, 23.3320, 28.7080

Background



This preview shows how black text looks on a background with the YIQ color 69.9070, 23.3320, 28.7080.



This preview shows how white text looks on a background with the YIQ color 69.9070, 23.3320,

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

69.9070, 23.3320, 28.7080

Protanopia

69.4170, -22.7430, 10.1930

Deuteranopia

70.6820, -7.6120, 5.7960



Tritanopia

70.0040, 29.7080, 12.2680

Trichromacy



Original Color

69.9070, 23.3320, 28.7080

Protanomaly

69.3160, -6.1010, 16.9630

Deuteranomaly

70.2970, 4.0780, 14.2060

Tritanomaly

70.0240, 26.9560, 18.0920

Monochromacy



Original Color

69.9070, 23.3320, 28.7080

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1140, 8.8470, 10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.9070, 23.3320, 28.7080 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(110, 45, 93)` looks like.

```
.text, #text, p{  
    color:rgb(110, 45, 93)  
}
```

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(110, 45, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 45, 93) }
```

Border

The CSS property to change the border of an element to YIQ 69.9070, 23.3320, 28.7080 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(110, 45, 93) }
```


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

```
.border{ border-color:rgb(110, 45, 93) }
```

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

Here you see how a box with a 4 pixel rgb(110, 45, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 45, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 45, 93);  
box-shadow:4px 4px 4px 4px rgb(110, 45,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 69.9070, 23.3320, 28.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 45, 93) }
```

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

```
.background{ background-color: rgb(110, 45,  
93) }
```

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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