

Converting Colors

YIQ(71.9680, 4.1670, 29.1190)

Have a look what the booklet for
YIQ(71.9680, 4.1670, 29.1190)
contains.

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Color

**YIQ(71.9680, 4.1670,
29.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	5E3475
RGB	94, 52, 117
RGB Percent	37%, 20%, 46%
CMY	0.6312, 0.7961, 0.5412
CMYK	0.20, 0.56, 0.00, 0.54
HSL	279°, 38%, 33%
HSV	279°, 56%, 46%
XYZ	9.0574, 6.1202, 17.5309
YIQ	71.9680, 4.1670, 29.1190

Conversions

Conversions Part 2

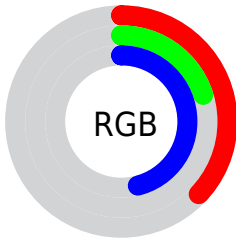
Format	Color
R_{YB}	94, 52, 117
Decimal	6173813
CIE _{Lab}	29.71, 31.34, -29.99
CIE _{LCh}	30, 43.374, 316.262
Yxy	6.1202, 0.2769, 0.1871
Android (android.graphics.Color)	4284363893 (0xFF5E3475)
YUV	71.9680, 22.2008, 19.3221
Hunter-Lab	24.7389, 22.0588, -24.6978

Details

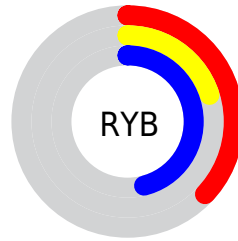
The YIQ color **71.9680, 4.1670, 29.1190** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **97.0320, -4.1670, -29.1190**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.7340, 4.9460, 31.5220**, and **24.1420, 3.6170, 28.0730** is the 20% darker color. If you saturate the color by 10%, you get **63.7280, 5.0830, 34.5470**, and if you desaturate by 10%, it is **80.2080, 3.2510, 23.6910**.

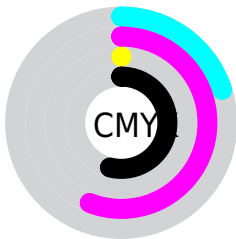
Distribution



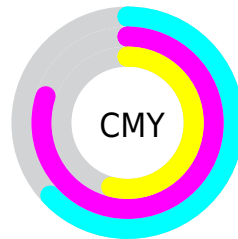
- Red (37%)
- Green (20%)
- Blue (46%)



- Red (37%)
- Yellow (20%)
- Blue (46%)



- Cyan (20%)
- Magenta (56%)
- Yellow (0%)
- Black (54%)



- Cyan (63%)
- Magenta (80%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.9680, 4.1670, 29.1190 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 71.9680, 4.1670, 29.1190 by changing the saturation by 10% instead.

71.9680, 4.1670,
29.1190

71.9680, 4.1670,
29.1190

255.0000, -0.0000,
-0.0000

48.1420, 3.6170,
28.0730

121.6200, 5.2670,
31.2110

24.1420, 3.6170,
28.0730

148.1470, 5.2210,
32.0450

13.3170, 1.3260,
20.0300

174.9730, 5.7710,
33.0910

3.3230, -7.9790,
6.9410

202.7990, 6.3210,
34.1370

0.0000, 0.0000,
0.0000

226.8240, 13.2000,
25.1040

243.2600, 5.5000,

10.4600

■ 71.9680, 4.1670,
29.1190

■ 71.9680, 4.1670,
29.1190

■ 63.7280, 5.0830,
34.5470

■ 80.2080, 3.2510,
23.6910

■ 56.0750, 5.7240,
39.4520

■ 87.8610, 2.6100,
18.7860

■ 47.8350, 6.6400,
44.8800

■ 96.1010, 1.6940,
13.3580

■ 39.5950, 7.5560,
50.3080

■ 104.6400, 1.3740,
8.1420

■ 36.0620, 7.7390,
52.4990

■ 112.2930, 0.7330,
3.2370

■ 120.5330, -0.1830,
-2.1910

■ 128.7730, -1.0990,
-7.6190

■ 137.0130, -2.0150,
-13.0470

■ 144.6660, -2.6560,
-17.9520

Harmonies

Analogous

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



64.2760, -44.1550, 12.7810



71.9680, 4.1670, 29.1190



67.5280, 34.8850, 34.0930

Triad

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



71.9680, 4.1670, 29.1190



66.2830, 41.0830, -12.1730



59.9270, -51.6230, -17.0870

Complementary

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



71.9680, 4.1670, 29.1190



97.0320, -4.1670, -29.1190

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.



55.3500, -40.1130, -27.4490



71.9680, 4.1670, 29.1190



63.7700, 20.1780, -24.2860

Square

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



71.9680, 4.1670, 29.1190



66.5640, 51.2580, 7.1780



57.3730, -12.5570, -31.2530



62.7600, -60.9780, -7.2340

Rectangle

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



71.9680, 4.1670, 29.1190



65.2380, 47.2650, 29.9930



57.3730, -12.5570, -31.2530



58.5590, -47.7710, -20.8190

Sweetspot

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



71.9680, 4.1670, 29.1190



135.0470, 1.7860, 11.6900



73.4980, -27.4650, 7.6630



65.8140, 0.8240, 7.0960



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



71.9680, 4.1670, 29.1190



81.7750, 6.8690, 46.2370



77.8190, 20.7640, 31.1960



54.8800, 0.4580, 2.7140



37.5290, 7.9220, 54.6900



76.9380, 16.3020, 112.0940

Inverse Universe

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



74.0570, 31.3570, 20.9330



85.0150, 49.5110, 33.3430



91.1810, -20.7640, -31.1960



55.0220, 2.9340, 1.8940



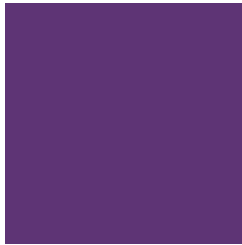
41.3800, 58.9090, 39.2370



84.7820, 120.7520, 80.3680

Previews

White Background



This preview shows how the YIQ color 71.9680, 4.1670, 29.1190 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



This preview shows how the YIQ color 71.9680, 4.1670, 29.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

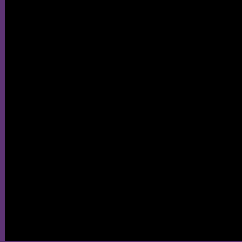
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.9680, 4.1670, 29.1190

Background



This preview shows how black text looks on a background with the YIQ color 71.9680, 4.1670, 29.1190.



This preview shows how white text looks on a background with the YIQ color 71.9680, 4.1670,

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

71.9680, 4.1670, 29.1190

Protanopia

65.8420, -39.9370, 13.4310

Deuteranopia

68.0140, -28.9780, 7.5500



Tritanopia

71.4470, 12.1030, 6.4310

Trichromacy



Original Color

71.9680, 4.1670, 29.1190

Protanomaly

67.9150, -23.8450, 19.1550

Deuteranomaly

69.4010, -16.6460, 15.3380

Tritanomaly

71.9340, 9.5340, 14.4460

Monochromacy



Original Color

71.9680, 4.1670, 29.1190

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.1070, 1.5570, 10.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.9680, 4.1670, 29.1190 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(94, 52, 117)` looks like.

```
.text, #text, p{  
    color:rgb(94, 52, 117)  
}
```

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(94, 52, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 52, 117) }
```

Border

The CSS property to change the border of an element to YIQ 71.9680, 4.1670, 29.1190 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(94, 52, 117) }
```


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

```
.border{ border-color:rgb(94, 52, 117) }
```

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

Here you see how a box with a 4 pixel rgb(94, 52, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 52, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 52, 117);  
box-shadow:4px 4px 4px 4px rgb(94, 52,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 71.9680, 4.1670, 29.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 52, 117) }
```

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

```
.background{ background-color: rgb(94, 52,  
117) }
```

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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