

Converting Colors

YIQ(46.8970, 29.2920, 30.8280)

Have a look what the booklet for
YIQ(46.8970, 29.2920, 30.8280)
contains.

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Color

**YIQ(46.8970, 29.2920,
30.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	5E1343
RGB	94, 19, 67
RGB Percent	37%, 7%, 26%
CMY	0.6312, 0.9256, 0.7372
CMYK	0.00, 0.80, 0.29, 0.63
HSL	322°, 66%, 22%
HSV	322°, 80%, 37%
XYZ	5.8676, 3.2527, 5.6319
YIQ	46.8970, 29.2920, 30.8280

Conversions

Conversions Part 2

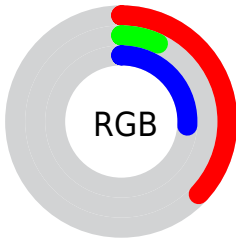
Format	Color
R_{YB}	94, 19, 67
Decimal	6165315
CIE _{Lab}	21.03, 38.00, -10.68
CIE _{LCh}	21, 39.476, 344.310
Yxy	3.2527, 0.3977, 0.2205
Android (android.graphics.Color)	4284355395 (0xFF5E1343)
YUV	46.8970, 9.9108, 41.3093
Hunter-Lab	18.0351, 26.5122, -5.8902

Details

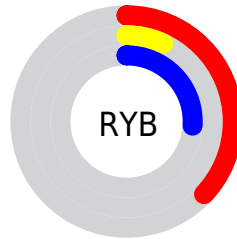
The YIQ color **46.8970, 29.2920, 30.8280** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **66.1030, -29.2920, -30.8280**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.1530, 31.4470, 30.3190**, and **16.9030, 19.9870, 17.7390** is the 20% darker color. If you saturate the color by 10%, you get **41.2720, 32.7300, 34.6020**, and if you desaturate by 10%, it is **52.5220, 25.8540, 27.0540**.

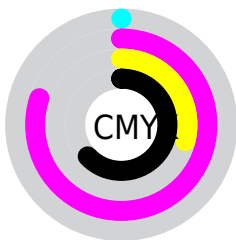
Distribution



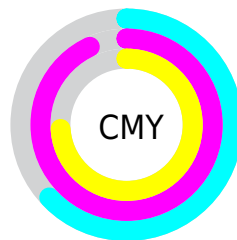
- Red (37%)
- Green (7%)
- Blue (26%)



- Red (37%)
- Yellow (7%)
- Blue (26%)



- Cyan (0%)
- Magenta (80%)
- Yellow (29%)
- Black (63%)



- Cyan (63%)
- Magenta (93%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.8970, 29.2920, 30.8280 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 46.8970, 29.2920, 30.8280 by changing the saturation by 10% instead.

■ 46.8970, 29.2920,
30.8280

■ 46.8970, 29.2920,
30.8280

■ 255.0000, -0.0000,
-0.0000

■ 25.7610, 26.6790,
28.6230

■ 98.1530, 31.4470,
30.3190

■ 16.9030, 19.9870,
17.7390

■ 124.7510, 32.6390,
30.7430

■ 0.0000, 0.0000,
0.0000

■ 150.7620, 34.1060,
31.6900


■ 178.3600, 35.2980,
32.1140


■ 204.2780, 32.5930,
31.5770


■ 224.0200, 15.5840,


25.9520


 241.4990, 6.3250,
12.0290


 46.8970, 29.2920,
30.8280


 46.8970, 29.2920,
30.8280


 41.2720, 32.7300,
34.6020


 52.5220, 25.8540,
27.0540

 34.9460, 36.7640,
38.5880

 58.8480, 21.8200,
23.0680

 64.4730, 18.3820,
19.2940

 70.7990, 14.3480,
15.3080

 76.4240, 10.9100,
11.5340

■ 82.0490, 7.4720,
7.7600

■ 88.3750, 3.4380,
3.7740

■ 94.0000, 0.0000,
0.0000

■ 100.2120, -3.7130,
-4.2970

Harmonies

Analogous

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



51.4790, 1.0500, 25.0340



46.8970, 29.2920, 30.8280



43.3360, 43.8730, 25.3850

Triad

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



46.8970, 29.2920, 30.8280



46.3600, 15.8210, -16.9070



46.7680, -46.2610, -4.1250

Complementary

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



46.8970, 29.2920, 30.8280



66.1030, -29.2920, -30.8280

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.



44.2770, -37.8690, -13.0450



46.8970, 29.2920, 30.8280



38.6340, -8.7980, -27.7900

Square

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



46.8970, 29.2920, 30.8280



47.9650, 33.4710, -6.3770



40.2700, -27.9640, -21.8520



46.2440, -50.2970, 2.9430

Rectangle

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



46.8970, 29.2920, 30.8280



45.2570, 45.1130, 13.9210



40.2700, -27.9640, -21.8520



46.4430, -43.9680, -7.1360

Sweetspot

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



46.8970, 29.2920, 30.8280



103.8370, 11.1850, 12.0570



35.3240, -8.5790, 28.8370



49.7500, 6.8760, 7.5480



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



46.8970, 29.2920, 30.8280



48.5330, 45.6570, 48.1290



42.6790, 41.1690, 19.3210



42.8370, 2.0170, 1.9930



40.8700, 43.0900, 45.0900



88.1910, 92.4600, 97.5160

Inverse Universe

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



46.8970, 29.2920, 30.8280



48.5330, 45.6570, 48.1290



70.3210, -41.1690, -19.3210



42.8370, 2.0170, 1.9930



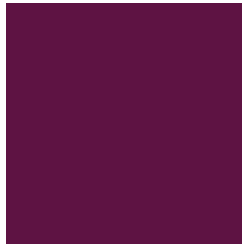
40.8700, 43.0900, 45.0900



88.1910, 92.4600, 97.5160

Previews

White Background



This preview shows how the YIQ color 46.8970, 29.2920, 30.8280 looks on a white background.

Color Contrast Check

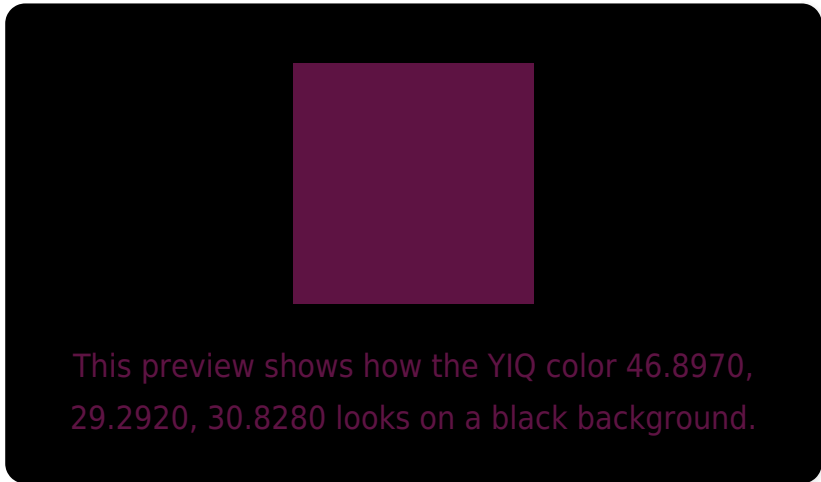
Large Text (above 18pt) WCAG AA ✓ Pass

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

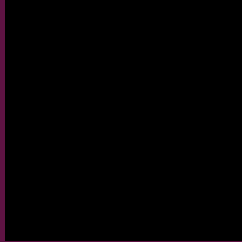
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.8970, 29.2920, 30.8280

Background



This preview shows how black text looks on a background with the YIQ color 46.8970, 29.2920, 30.8280.



This preview shows how white text looks on a background with the YIQ color 46.8970, 29.2920,

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

46.8970, 29.2920, 30.8280

Protanopia

50.7760, -22.3760, 9.0480

Deuteranopia

52.6670, -3.2560, 3.9440



Tritanopia

49.1680, 35.1180, 13.3420

Trichromacy



Original Color

46.8970, 29.2920, 30.8280

Protanomaly

48.9850, -3.6710, 16.9770

Deuteranomaly

50.2220, 8.6630, 13.7110

Tritanomaly

48.4870, 32.9620, 19.3780

Monochromacy



Original Color

46.8970, 29.2920, 30.8280

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0110, 10.6350, 11.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.8970, 29.2920, 30.8280 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, 19, 67)` looks like.

```
.text, #text, p{  
    color:rgb(94, 19, 67)  
}
```

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, 19, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 19, 67) }
```

Border

The CSS property to change the border of an element to YIQ 46.8970, 29.2920, 30.8280 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, 19, 67) }
```


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

```
.border{ border-color:rgb(94, 19, 67) }
```

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

Here you see how a box with a 4 pixel rgb(94, 19, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 19, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 19, 67);  
box-shadow:4px 4px 4px 4px rgb(94, 19, 67)  
}
```

Background

The CSS property to change the background color of an element to YIQ 46.8970, 29.2920, 30.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 19, 67) }
```

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

```
.background{ background-color: rgb(94, 19,  
67) }
```

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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