

Converting Colors

YIQ(47.2870, 71.9320, 28.9880)

Have a look what the booklet for
YIQ(47.2870, 71.9320, 28.9880)
contains.

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Color

**YIQ(47.2870, 71.9320,
28.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	860911
RGB	134, 9, 17
RGB Percent	53%, 4%, 7%
CMY	0.4742, 0.9648, 0.9331
CMYK	0.00, 0.93, 0.87, 0.47
HSL	356°, 87%, 28%
HSV	356°, 93%, 53%
XYZ	10.0427, 5.3096, 1.0288
YIQ	47.2870, 71.9320, 28.9880

Conversions

Conversions Part 2

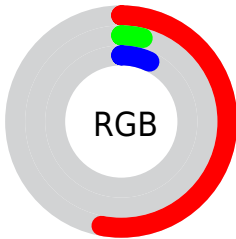
Format	Color
R_{YB}	134, 9, 17
Decimal	8784145
CIE _{Lab}	27.60, 48.45, 32.89
CIE _{LCh}	28, 58.559, 34.170
Yxy	5.3096, 0.6131, 0.3241
Android (android.graphics.Color)	4286974225 (0xFF860911)
YUV	47.2870, -14.9315, 76.0473
Hunter-Lab	23.0426, 37.4713, 13.4827

Details

The YIQ color **47.2870, 71.9320, 28.9880** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **95.7130, -71.9320, -28.9880**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.4090, 77.1600, 22.3440**, and **22.4250, 44.7000, 15.9000** is the 20% darker color. If you saturate the color by 10%, you get **41.0920, 76.9750, 31.2070**, and if you desaturate by 10%, it is **56.4000, 64.1840, 26.2320**.

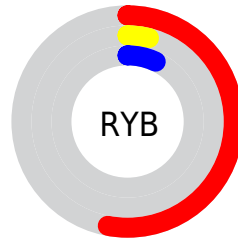
Distribution



Red (53%)

Green (4%)

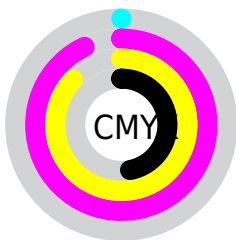
Blue (7%)



Red (53%)

Yellow (4%)

Blue (7%)

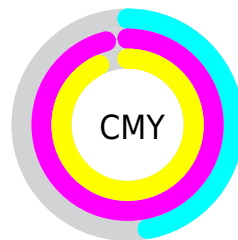


Cyan (0%)

Magenta (93%)

Yellow (87%)

Black (47%)



Cyan (47%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.2870, 71.9320, 28.9880 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 47.2870, 71.9320, 28.9880 by changing the saturation by 10% instead.

47.2870, 71.9320,
28.9880

47.2870, 71.9320,
28.9880

253.6320, 3.8520,
-3.7320

31.3950, 62.5800,
22.2600

107.4090, 77.1600,
22.3440

22.4250, 44.7000,
15.9000

134.9640, 79.9110,
22.0470

14.8790, 28.5620,
11.0100

161.9320, 82.9370,
22.2730

0.0000, 0.0000,
0.0000

181.3320, 66.8910,
15.7150

200.7320, 50.8450,
9.1570

220.2460, 34.4780,

2.9100

■ 240.4610, 17.5150,
-3.5490

■ 47.2870, 71.9320,
28.9880

■ 47.2870, 71.9320,
28.9880

■ 41.0920, 76.9750,
31.2070

■ 56.4000, 64.1840,
26.2320

■ 65.9860, 56.4820,
22.6420

■ 75.0990, 48.7340,
19.8860

■ 84.6850, 41.0320,
16.2960

■ 93.7980, 33.2840,
13.5400

■ 102.7970, 25.8570,
10.4730

■ 112.4970, 17.8340,
7.1940

■ 121.4960, 10.4070,
4.1270

■ 131.1960, 2.3840,
0.8480

Harmonies

Analogous

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



48.8140, 63.8590, 48.6510



47.2870, 71.9320, 28.9880



60.7780, 53.2310, -1.0490

Triad

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



47.2870, 71.9320, 28.9880



50.0550, -29.3370, -35.5210



58.9880, -69.6470, 12.2170

Complementary

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



47.2870, 71.9320, 28.9880



95.7130, -71.9320, -28.9880

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.



63.7180, -69.1870, 3.8770



47.2870, 71.9320, 28.9880



56.8150, -45.6160, -21.3280

Square

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



47.2870, 71.9320, 28.9880



52.3860, -5.4040, -34.2360



61.8310, -59.7400, -7.6440



64.8700, -18.8040, 32.4280

Rectangle

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



47.2870, 71.9320, 28.9880



61.5320, 35.9480, -12.7240



61.8310, -59.7400, -7.6440



61.2220, -70.4260, 9.8140

Sweetspot

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



47.2870, 71.9320, 28.9880



139.6940, 27.6450, 11.1090



58.2330, 29.6070, 63.6790



66.1980, 17.2380, 6.9820



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



47.2870, 71.9320, 28.9880



52.9810, 99.5770, 40.0970



78.0730, 59.6500, -1.7420



61.7940, 3.5760, 1.2720



39.7820, 74.9120, 30.0480



0.8970, 1.7880, 0.6360

Inverse Universe

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



47.2870, 71.9320, 28.9880



52.9810, 99.5770, 40.0970



64.9270, -59.6500, 1.7420



61.7940, 3.5760, 1.2720



39.7820, 74.9120, 30.0480



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 47.2870, 71.9320, 28.9880 looks on a white background.

Color Contrast Check

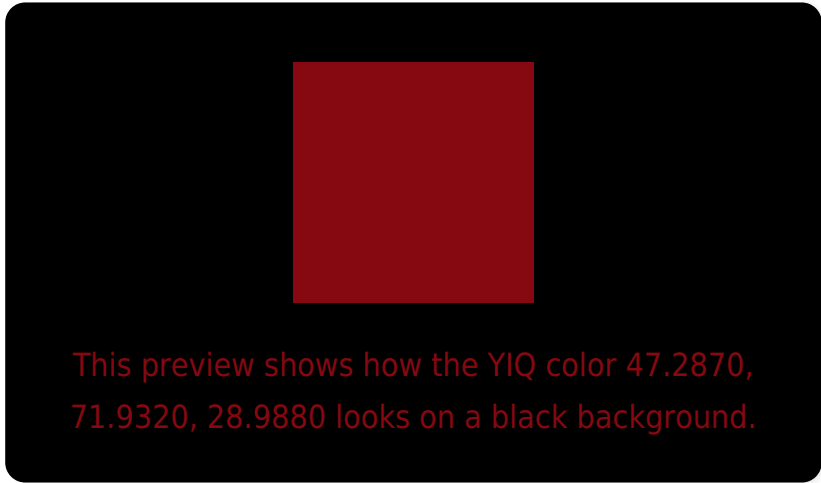
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2870, 71.9320, 28.9880

Background



This preview shows how black text looks on a background with the YIQ color 47.2870, 71.9320, 28.9880.



This preview shows how white text looks on a background with the YIQ color 47.2870, 71.9320,

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

47.2870, 71.9320, 28.9880

Protanopia

65.9460, 17.2870, -10.4330

Deuteranopia

63.8690, 33.3810, -15.7630



Tritanopia

47.1100, 76.5640, 22.1320

Trichromacy



Original Color

47.2870, 71.9320, 28.9880

Protanomaly

59.4420, 36.8620, 3.7580

Deuteranomaly

57.8960, 47.0870, 0.1670

Tritanomaly

47.2070, 74.9130, 24.5210

Monochromacy



Original Color

47.2870, 71.9320, 28.9880

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0960, 26.4530, 10.6850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.2870, 71.9320, 28.9880 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(134, 9, 17)` looks like.

```
.text, #text, p{  
    color:rgb(134, 9, 17)  
}
```

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(134, 9, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 9, 17) }
```

Border

The CSS property to change the border of an element to YIQ 47.2870, 71.9320, 28.9880 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(134, 9, 17) }
```


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

```
.border{ border-color:rgb(134, 9, 17) }
```

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

Here you see how a box with a 4 pixel rgb(134, 9, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 9, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 9, 17);  
box-shadow:4px 4px 4px 4px rgb(134, 9, 17)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.2870, 71.9320, 28.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 9, 17) }
```

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

```
.background{ background-color: rgb(134, 9,  
17) }
```

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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