

Converting Colors

YIQ(46.2930, 71.7950, 25.9630)

Have a look what the booklet for
YIQ(46.2930, 71.7950, 25.9630)
contains.

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Color

**YIQ(46.2930, 71.7950,
25.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	830A0B
RGB	131, 10, 11
RGB Percent	51%, 4%, 4%
CMY	0.4860, 0.9609, 0.9566
CMYK	0.00, 0.92, 0.92, 0.49
HSL	359°, 86%, 28%
HSV	359°, 92%, 51%
XYZ	9.5403, 5.0715, 0.7949
YIQ	46.2930, 71.7950, 25.9630

Conversions

Conversions Part 2

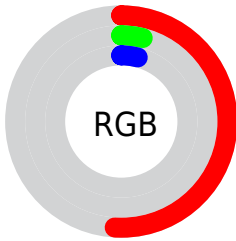
Format	Color
R_{YB}	131, 10, 11
Decimal	8587787
CIE Lab	26.94, 47.29, 35.07
CIE LCh	27, 58.880, 36.562
Yxy	5.0715, 0.6192, 0.3292
Android (android.graphics.Color)	4286777867 (0xFF830A0B)
YUV	46.2930, -17.3994, 74.2880
Hunter-Lab	22.5199, 36.2093, 13.6712

Details

The YIQ color **46.2930, 71.7950, 25.9630** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **94.7070, -71.7950, -25.9630**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **105.0560, 76.6560, 20.4640**, and **21.5280, 42.9120, 15.2640** is the 20% darker color. If you saturate the color by 10%, you get **39.2830, 77.7550, 28.0830**, and if you desaturate by 10%, it is **55.4060, 64.0470, 23.2070**.

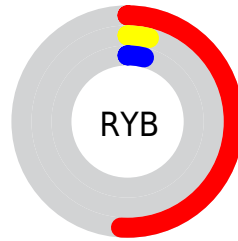
Distribution



Red (51%)

Green (4%)

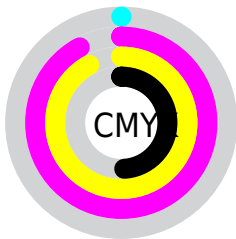
Blue (4%)



Red (51%)

Yellow (4%)

Blue (4%)

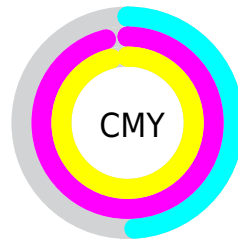


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (49%)



Cyan (49%)


Magenta (96%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 46.2930, 71.7950, 25.9630 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 46.2930, 71.7950, 25.9630 by changing the saturation by 10% instead.


 46.2930, 71.7950,
25.9630


 46.2930, 71.7950,
25.9630


 252.9480, 5.7780,
-5.5980


 30.4980, 60.7920,
21.6240


 105.3550, 77.2520,
20.6760


 21.5280, 42.9120,
15.2640


 132.7960, 80.3240,
20.0680

 13.9820, 26.7740,
10.3740

 161.0630, 83.9460,
20.5060

 0.0000, 0.0000,
0.0000

 180.0610, 69.0920,
14.3720

 199.4610, 53.0460,
7.8140

 218.9750, 36.6790,

1.5670

■ 239.1900, 19.7160,
-4.8920

■ 46.2930, 71.7950,
25.9630

■ 46.2930, 71.7950,
25.9630

■ 39.2830, 77.7550,
28.0830

■ 55.4060, 64.0470,
23.2070

■ 64.5190, 56.2990,
20.4510

■ 73.6320, 48.5510,
17.6950

■ 82.7450, 40.8030,
14.9390

■ 92.4450, 32.7800,
11.6600

■ 101.5580, 25.0320,
8.9040

■ 110.6710, 17.2840,
6.1480

■ 119.7840, 9.5360,
3.3920

■ 128.8970, 1.7880,
0.6360

Harmonies

Analogous

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



47.9450, 64.8680, 46.8840



46.2930, 71.7950, 25.9630



59.2830, 50.2510, -2.1090

Triad

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



46.2930, 71.7950, 25.9630



49.6960, -29.7040, -34.3760



56.9990, -68.1800, 13.1640

Complementary

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



46.2930, 71.7950, 25.9630



94.7070, -71.7950, -25.9630

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.



62.5440, -68.6370, 4.9230



46.2930, 71.7950, 25.9630



55.8690, -45.7080, -19.6600

Square

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



46.2930, 71.7950, 25.9630



48.8090, -11.0890, -35.8330



60.8850, -59.8320, -5.9760



63.2620, -14.0360, 34.1240

Rectangle

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



46.2930, 71.7950, 25.9630



60.0370, 32.9680, -13.7840



60.8850, -59.8320, -5.9760



59.9340, -69.5550, 10.5490

Sweetspot

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



46.2930, 71.7950, 25.9630



137.3520, 28.6080, 10.1760



59.3750, 32.0830, 62.8590



65.9700, 17.8800, 6.3600



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.



46.2930, 71.7950, 25.9630



51.3570, 101.2740, 36.8740



80.8120, 55.8910, -5.2050



61.7940, 3.5760, 1.2720



38.9840, 77.1590, 27.8710



0.8970, 1.7880, 0.6360

Inverse Universe

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



46.2930, 71.7950, 25.9630



51.3570, 101.2740, 36.8740



60.7750, -56.1660, 4.6820



61.7940, 3.5760, 1.2720



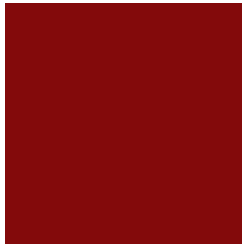
38.9840, 77.1590, 27.8710



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 46.2930, 71.7950, 25.9630 looks on a white background.

Color Contrast Check

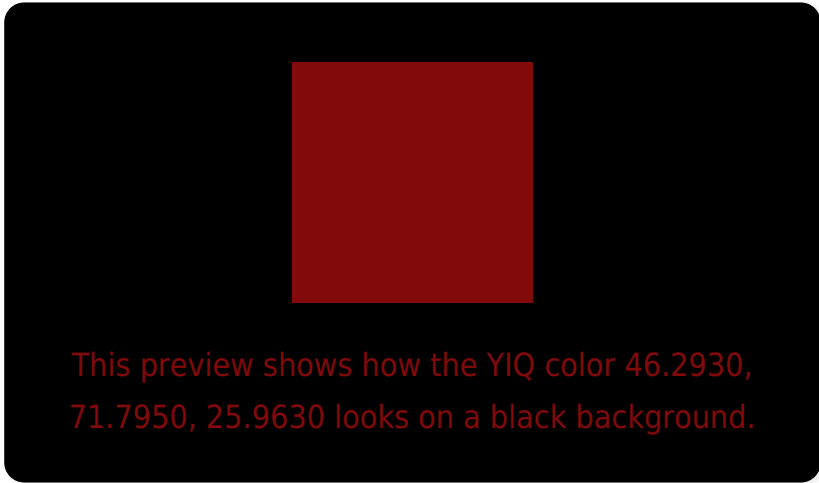
Large Text (above 18pt) WCAG AA ✓ Pass

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

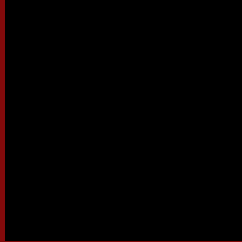
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.2930, 71.7950, 25.9630

Background



This preview shows how black text looks on a background with the YIQ color 46.2930, 71.7950, 25.9630.



This preview shows how white text looks on a background with the YIQ color 46.2930, 71.7950,

25.9630.

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

46.2930, 71.7950, 25.9630

Protanopia

63.9630, 18.6170, -12.5110

Deuteranopia

62.0970, 32.7390, -15.1410



Tritanopia

46.2130, 74.7760, 21.4960

Trichromacy



Original Color

46.2930, 71.7950, 25.9630

Protanomaly

57.4590, 38.1920, 1.6800

Deuteranomaly

56.4830, 46.8120, -0.3560

Tritanomaly

46.0820, 73.7670, 23.2630

Monochromacy



Original Color

46.2930, 71.7950, 25.9630

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

46.1560, 26.2240, 9.3280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.2930, 71.7950, 25.9630 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(131, 10, 11)` looks like.

```
.text, #text, p{  
    color:rgb(131, 10, 11)  
}
```

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(131, 10, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 10, 11) }
```

Border

The CSS property to change the border of an element to YIQ 46.2930, 71.7950, 25.9630 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(131, 10, 11) }
```


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

```
.border{ border-color:rgb(131, 10, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 10, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 10, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 10, 11);  
box-shadow:4px 4px 4px 4px rgb(131, 10,  
11) }
```

Background

The CSS property to change the background color of an element to YIQ 46.2930, 71.7950, 25.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 10, 11) }
```

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

```
.background{ background-color: rgb(131, 10,  
11) }
```

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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