

Converting Colors

YIQ(43.9930, 63.7720, 22.6840)

Have a look what the booklet for
YIQ(43.9930, 63.7720, 22.6840)
contains.

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Color

**YIQ(43.9930, 63.7720,
22.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	770C0C
RGB	119, 12, 12
RGB Percent	47%, 5%, 5%
CMY	0.5331, 0.9531, 0.9527
CMYK	0.00, 0.90, 0.90, 0.53
HSL	360°, 82%, 26%
HSV	360°, 90%, 47%
XYZ	7.8143, 4.2151, 0.7516
YIQ	43.9930, 63.7720, 22.6840

Conversions

Conversions Part 2

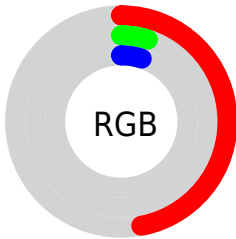
Format	Color
RYB	119, 12, 12
Decimal	7801868
CIELab	24.37, 43.41, 31.27
CIELCh	24, 53.494, 35.767
Yxy	4.2151, 0.6114, 0.3298
Android (android.graphics.Color)	4285991948 (0xFF770C0C)
YUV	43.9930, -15.7725, 65.7811
Hunter-Lab	20.5307, 32.0116, 12.2009

Details

The YIQ color **43.9930, 63.7720, 22.6840** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **87.0070, -63.7720, -22.6840**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.5820, 69.1830, 18.2310**, and **18.5380, 36.9520, 13.1440** is the 20% darker color. If you saturate the color by 10%, you get **35.5810, 70.9240, 25.2280**, and if you desaturate by 10%, it is **52.4050, 56.6200, 20.1400**.

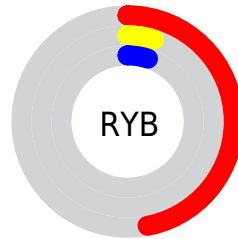
Distribution



Red (47%)

Green (5%)

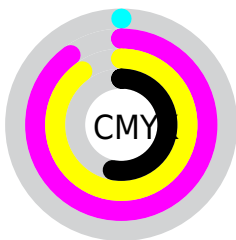
Blue (5%)



Red (47%)

Yellow (5%)

Blue (5%)

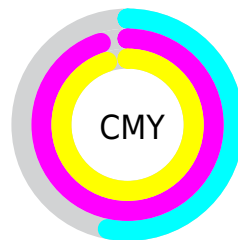


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (53%)



Cyan (53%)


Magenta (95%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 43.9930, 63.7720, 22.6840 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 43.9930, 63.7720, 22.6840 by changing the saturation by 10% instead.


 43.9930, 63.7720,
22.6840


 43.9930, 63.7720,
22.6840


 252.9480, 5.7780,
-5.5980


 26.9100, 53.6400,
19.0800

 100.5820, 69.1830,
18.2310


 18.5380, 36.9520,
13.1440


 127.8490, 72.8050,
18.6690

 9.9810, 19.3470,
7.3070

 154.8170, 75.8310,
18.8950

 0.0000, 0.0000,
0.0000

 178.3000, 69.9170,
15.9410

 197.1130, 54.1460,
9.9060

 217.2140, 37.5040,

3.1360

■ 236.8420, 20.8160,
-2.8000

■ 43.9930, 63.7720,
22.6840

■ 43.9930, 63.7720,
22.6840

■ 35.5810, 70.9240,
25.2280

■ 52.4050, 56.6200,
20.1400

■ 60.8170, 49.4680,
17.5960

■ 69.2290, 42.3160,
15.0520

■ 77.6410, 35.1640,
12.5080

■ 85.4660, 28.2870,
10.4870

■ 93.7640, 21.4560,
7.6320

■ 102.1760, 14.3040,
5.0880

■ 110.5880, 7.1520,
2.5440

■ 119.0000, -0.0000,
0.0000

Harmonies

Analogous

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



43.3030, 57.8080, 42.6720



43.9930, 63.7720, 22.6840



53.6570, 46.2620, -1.4020

Triad

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



43.9930, 63.7720, 22.6840



44.7720, -26.8620, -30.8140



51.7670, -61.7150, 11.6370

Complementary

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



43.9930, 63.7720, 22.6840



87.0070, -63.7720, -22.6840

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.



56.7250, -61.8970, 3.9190



43.9930, 63.7720, 22.6840



50.8480, -41.2150, -18.4870

Square

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



43.9930, 63.7720, 22.6840



45.8960, -6.7800, -31.3240



55.4080, -54.0550, -6.0470



57.6270, -13.8060, 29.9540

Rectangle

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



43.9930, 63.7720, 22.6840



55.3080, 30.7670, -12.4410



55.4080, -54.0550, -6.0470



54.1150, -62.8150, 9.5450

Sweetspot

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



43.9930, 63.7720, 22.6840



126.5580, 25.0320, 8.9040



55.5930, 28.2330, 55.5370



61.4750, 14.9000, 5.3000



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



43.9930, 63.7720, 22.6840



46.6440, 92.9760, 33.0720



74.5170, 49.4720, -4.5120



54.7940, 3.5760, 1.2720



36.4780, 72.7120, 25.8640



74.7500, 149.0000, 53.0000

Inverse Universe

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



43.9930, 63.7720, 22.6840



46.6440, 92.9760, 33.0720



56.4830, -49.4720, 4.5120



54.7940, 3.5760, 1.2720



36.4780, 72.7120, 25.8640



74.7500, 149.0000, 53.0000

Previews

White Background



This preview shows how the YIQ color 43.9930, 63.7720, 22.6840 looks on a white background.

Color Contrast Check

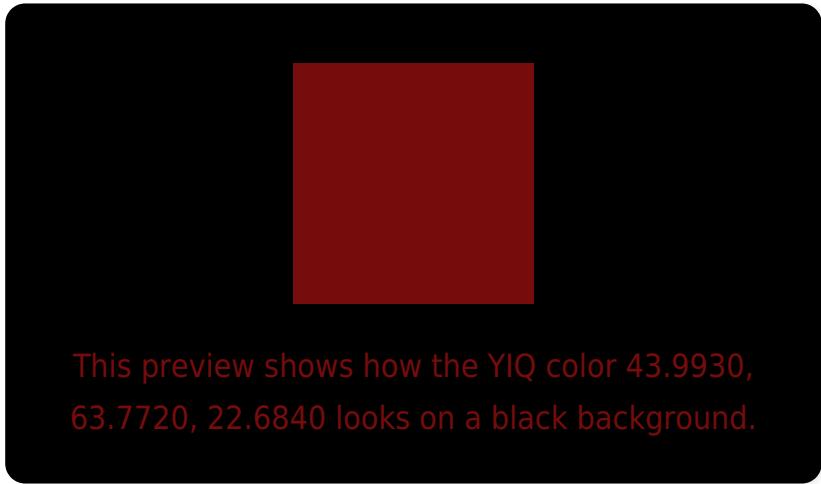
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.9930, 63.7720, 22.6840

Background



This preview shows how black text looks on a background with the YIQ color 43.9930, 63.7720, 22.6840.



This preview shows how white text looks on a background with the YIQ color 43.9930, 63.7720,

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

43.9930, 63.7720, 22.6840

Protanopia

58.6470, 16.6910, -10.6450

Deuteranopia

57.0690, 29.9420, -14.0100



Tritanopia

43.5370, 65.0560, 21.4400

Trichromacy



Original Color

43.9930, 63.7720, 22.6840

Protanomaly

53.3060, 34.2490, 1.5530

Deuteranomaly

52.0310, 42.2730, -0.6950

Tritanomaly

43.6510, 64.7350, 21.7510

Monochromacy



Original Color

43.9930, 63.7720, 22.6840

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.6610, 23.2440, 8.2680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.9930, 63.7720, 22.6840 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(119, 12, 12)` looks like.

```
.text, #text, p{  
    color:rgb(119, 12, 12)  
}
```

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(119, 12, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 12, 12) }
```

Border

The CSS property to change the border of an element to YIQ 43.9930, 63.7720, 22.6840 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(119, 12, 12) }
```


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

```
.border{ border-color:rgb(119, 12, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 12, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 12, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 12, 12);  
box-shadow:4px 4px 4px 4px rgb(119, 12,  
12) }
```

Background

The CSS property to change the background color of an element to YIQ 43.9930, 63.7720, 22.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 12, 12) }
```

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

```
.background{ background-color: rgb(119, 12,  
12) }
```

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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