

Converting Colors

YIQ(76.9130, 83.9480, 9.4520)

Have a look what the booklet for
YIQ(76.9130, 83.9480, 9.4520)
contains.

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Color

**YIQ(76.9130, 83.9480,
9.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	A33000
RGB	163, 48, 0
RGB Percent	64%, 19%, 0%
CMY	0.3605, 0.8119, 0.9996
CMYK	0.00, 0.71, 1.00, 0.36
HSL	18°, 100%, 32%
HSV	18°, 100%, 64%
XYZ	16.1725, 9.9032, 1.0618
YIQ	76.9130, 83.9480, 9.4520

Conversions

Conversions Part 2

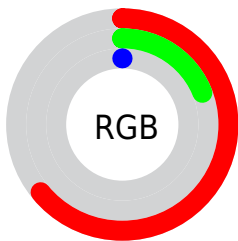
Format	Color
R_{YB}	163, 68, 0
Decimal	10694656
CIE _{Lab}	37.67, 45.74, 49.80
CIE _{LCh}	38, 67.617, 47.436
Yxy	9.9032, 0.5959, 0.3649
Android (android.graphics.Color)	4288884736 (0xFFA33000)
YUV	76.9130, -37.9181, 75.4983
Hunter-Lab	31.4694, 36.6616, 20.0280

Details

The YIQ color **76.9130, 83.9480, 9.4520** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **86.0870, -83.9480, -9.4520**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.4900, 89.6330, 11.0490**, and **30.4980, 60.7920, 21.6240** is the 20% darker color. If you saturate the color by 10%, you get **76.9130, 83.9480, 9.4520**, and if you desaturate by 10%, it is **85.1940, 75.7870, 8.6750**.

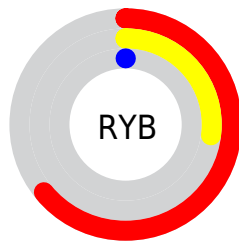
Distribution



Red (64%)

Green (19%)

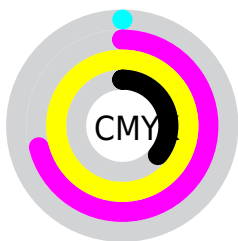
Blue (0%)



Red (64%)

Yellow (27%)

Blue (0%)

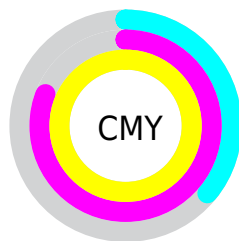


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (36%)



Cyan (36%)


Magenta (81%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 76.9130, 83.9480, 9.4520 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 76.9130, 83.9480, 9.4520 by changing the saturation by 10% instead.


 76.9130, 83.9480,
9.4520


 76.9130, 83.9480,
9.4520


 253.0620, 5.4570,
-5.2870


 49.7460, 74.5930,
19.3050


 132.4900, 89.6330,
11.0490


 30.4980, 60.7920,
21.6240

 160.0450, 92.3840,
10.7520


 21.8270, 43.5080,
15.4760

 178.8580, 76.6130,
4.7170

 14.2810, 27.3700,
10.5860

 197.5570, 61.1630,
-1.6290

 0.0000, 0.0000,
0.0000

 217.6580, 44.5210,
-8.3990

 237.7590, 27.8790,

-15.1690

■ 249.7560, 14.7660,
-14.3060

■ 76.9130, 83.9480,
9.4520

■ 85.1940, 75.7870,
8.6750

■ 94.1760, 67.0300,
7.6860

■ 103.0440, 58.5940,
6.3860

■ 111.3250, 50.4330,
5.6090

■ 120.3070, 41.6760,
4.6200

■ 128.5880, 33.5150,
3.8430

■ 137.4560, 25.0790,
2.5430

■ 145.8510, 16.5970,
2.0770

■ 154.7190, 8.1610,
0.7770

Harmonies

Analogous

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



60.9590, 88.6160, 57.0320



76.9130, 83.9480, 9.4520



84.0580, 54.8380, -13.6580

Triad

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



76.9130, 83.9480, 9.4520



71.7520, -50.4730, -37.9370



72.1250, -85.9700, 16.1900

Complementary

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



76.9130, 83.9480, 9.4520



86.0870, -83.9480, -9.4520

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.



82.3320, -91.2870, 7.9210



76.9130, 83.9480, 9.4520



78.8370, -69.0450, -20.7330

Square

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



76.9130, 83.9480, 9.4520



61.6350, -28.8750, -54.9150



83.8360, -84.4990, -4.9710



88.6660, 8.7940, 49.8980

Rectangle

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



76.9130, 83.9480, 9.4520



82.4200, 32.7870, -27.0290



83.8360, -84.4990, -4.9710



76.6900, -89.1790, 13.7730

Sweetspot

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



76.9130, 83.9480, 9.4520



178.2890, 32.9190, 3.6310



62.0750, 59.5910, 70.9430



86.8190, 19.6230, 2.3030



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



76.9130, 83.9480, 9.4520



99.7820, 109.3020, 12.5180



123.8730, 61.9480, -32.3880



77.4520, 4.5390, 0.3390



68.5960, 74.5950, 8.2510



8.3170, 9.3530, 1.2010

Inverse Universe

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



86.0870, -83.9480, -9.4520



111.6310, -109.0270, -11.9950



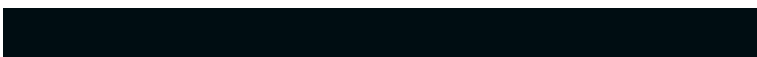
39.1270, -61.9480, 32.3880



77.5480, -4.5390, -0.3390



76.9910, -74.8700, -8.7740



9.6830, -9.3530, -1.2010

Previews

White Background



This preview shows how the YIQ color 76.9130, 83.9480, 9.4520 looks on a white background.

Color Contrast Check

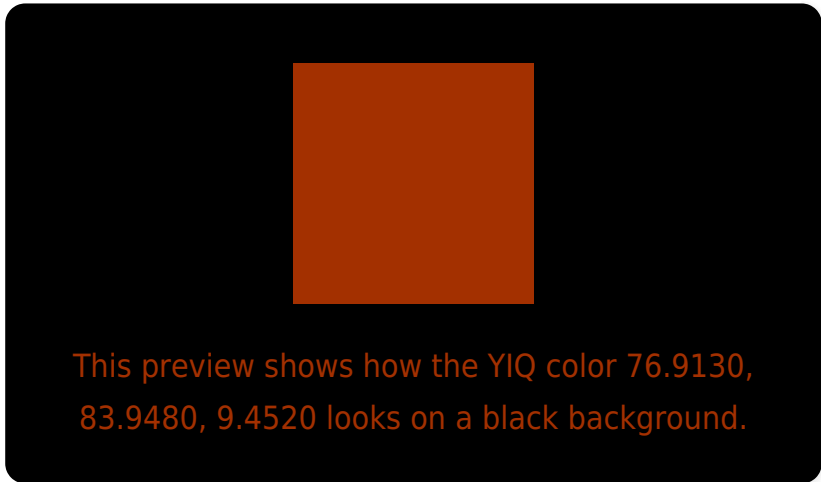
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.9130, 83.9480, 9.4520

Background



This preview shows how black text looks on a background with the YIQ color 76.9130, 83.9480, 9.4520.



This preview shows how white text looks on a background with the YIQ color 76.9130, 83.9480,

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

76.9130, 83.9480, 9.4520

Protanopia

85.0810, 29.6680, -20.0600

Deuteranopia

83.6820, 43.9730, -20.4990



Tritanopia

80.8090, 70.2820, 25.8500

Trichromacy



Original Color

76.9130, 83.9480, 9.4520

Protanomaly

82.3550, 49.7480, -9.5160

Deuteranomaly

81.4330, 58.2760, -9.8840

Tritanomaly

79.4580, 75.4640, 20.0400

Monochromacy



Original Color

76.9130, 83.9480, 9.4520

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.6200, 30.4890, 3.6170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.9130, 83.9480, 9.4520 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(163, 48, 0)` looks like.

```
.text, #text, p{  
    color:rgb(163, 48, 0)  
}
```

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(163, 48, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 48, 0) }
```

Border

The CSS property to change the border of an element to YIQ 76.9130, 83.9480, 9.4520 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(163, 48, 0) }
```


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

```
.border{ border-color:rgb(163, 48, 0) }
```

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

Here you see how a box with a 4 pixel rgb(163, 48, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 48, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 48, 0);  
box-shadow:4px 4px 4px 4px rgb(163, 48, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.9130, 83.9480, 9.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 48, 0) }
```

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

```
.background{ background-color: rgb(163, 48,  
0) }
```

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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