

Converting Colors

YIQ(83.1560, 78.9500, 11.9260)

Have a look what the booklet for
YIQ(83.1560, 78.9500, 11.9260)
contains.

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Color

**YIQ(83.1560, 78.9500,
11.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	A63610
RGB	166, 54, 16
RGB Percent	65%, 21%, 6%
CMY	0.3488, 0.7884, 0.9369
CMYK	0.00, 0.68, 0.90, 0.35
HSL	15°, 82%, 36%
HSV	15°, 90%, 65%
XYZ	17.1500, 10.7853, 1.6715
YIQ	83.1560, 78.9500, 11.9260

Conversions

Conversions Part 2

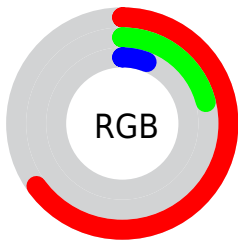
Format	Color
RYB	166, 67, 16
Decimal	10892816
CIELab	39.22, 44.54, 45.49
CIElCh	39, 63.666, 45.609
Yxy	10.7853, 0.5793, 0.3643
Android (android.graphics.Color)	4289082896 (0xFFA63610)
YUV	83.1560, -33.1079, 72.6542
Hunter-Lab	32.8410, 35.7435, 19.9710

Details

The YIQ color **83.1560, 78.9500, 11.9260** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **98.8440, -78.9500, -11.9260**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6900, 86.1940, 12.8020**, and **31.6940, 63.1760, 22.4720** is the 20% darker color. If you saturate the color by 10%, you get **74.2880, 87.3860, 13.2260**, and if you desaturate by 10%, it is **92.1380, 70.1930, 10.9370**.

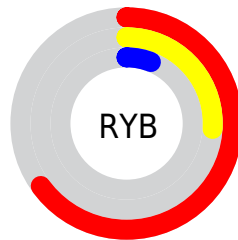
Distribution



Red (65%)

Green (21%)

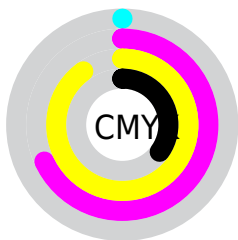
Blue (6%)



Red (65%)

Yellow (26%)

Blue (6%)

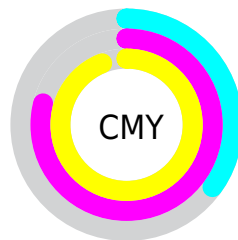


Cyan (0%)

Magenta (68%)

Yellow (90%)

Black (35%)



Cyan (35%)

Magenta (79%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.1560, 78.9500, 11.9260 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 83.1560, 78.9500, 11.9260 by changing the saturation by 10% instead.

■ 83.1560, 78.9500,
11.9260

■ 83.1560, 78.9500,
11.9260

■ 254.5440, 1.2840,
-1.2440

■ 55.9260, 73.9060,
15.2340

■ 137.6900, 86.1940,
12.8020

■ 31.6940, 63.1760,
22.4720

■ 164.4620, 86.8360,
12.1800

■ 22.7240, 45.2960,
16.1120

■ 183.1610, 71.3860,
5.8340

■ 15.4770, 29.7540,
11.4340

■ 202.5610, 55.3400,
-0.7240

■ 0.0000, 0.0000,
0.0000

■ 222.6620, 38.6980,
-7.4940

■ 242.7630, 22.0560,

-14.2640

■ 251.2380, 10.5930,
-10.2630

■ 83.1560, 78.9500,
11.9260

■ 83.1560, 78.9500,
11.9260

■ 74.2880, 87.3860,
13.2260

■ 92.1380, 70.1930,
10.9370

■ 101.5930, 61.4820,
9.1140

■ 110.5750, 52.7250,
8.1250

■ 120.1440, 43.6930,
6.6130

■ 129.0120, 35.2570,
5.3130

■ 137.9940, 26.5000,
4.3240

■ 147.4490, 17.7890,
2.5010

■ 156.4310, 9.0320,
1.5120

■ 166.0000, -0.0000,
0.0000

Harmonies

Analogous

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



74.1980, 80.2730, 48.5370



83.1560, 78.9500, 11.9260



87.3140, 56.9930, -14.1670

Triad

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



83.1560, 78.9500, 11.9260



73.7410, -51.9400, -38.8840



74.9460, -87.0240, 13.2640

Complementary

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



83.1560, 78.9500, 11.9260



98.8440, -78.9500, -11.9260

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.



84.3380, -91.4240, 4.8960



83.1560, 78.9500, 11.9260



80.4840, -69.5490, -22.6130

Square

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



83.1560, 78.9500, 11.9260



64.5920, -27.3160, -55.6360



85.2550, -84.3610, -7.4730



93.8780, 5.0810, 45.6010

Rectangle

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



83.1560, 78.9500, 11.9260



86.2740, 36.1340, -27.1140



85.2550, -84.3610, -7.4730



78.8100, -89.6370, 11.0590

Sweetspot

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



83.1560, 78.9500, 11.9260



184.4460, 31.0390, 4.6630



73.7320, 53.1270, 66.9430



90.1610, 18.6600, 3.2360



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



83.1560, 78.9500, 11.9260



97.1680, 114.2070, 17.2390



127.1810, 58.3250, -27.2990



79.5660, 4.2180, 0.6500



65.9710, 78.0330, 12.0250



8.9150, 10.5450, 1.6250

Inverse Universe

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



98.8440, -78.9500, -11.9260



119.8320, -114.2070, -17.2390



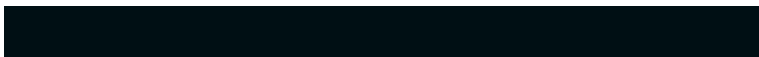
55.4060, -58.6000, 26.7760



80.4340, -4.2180, -0.6500



82.0290, -78.0330, -12.0250



11.0850, -10.5450, -1.6250

Previews

White Background



This preview shows how the YIQ color 83.1560, 78.9500, 11.9260 looks on a white background.

Color Contrast Check

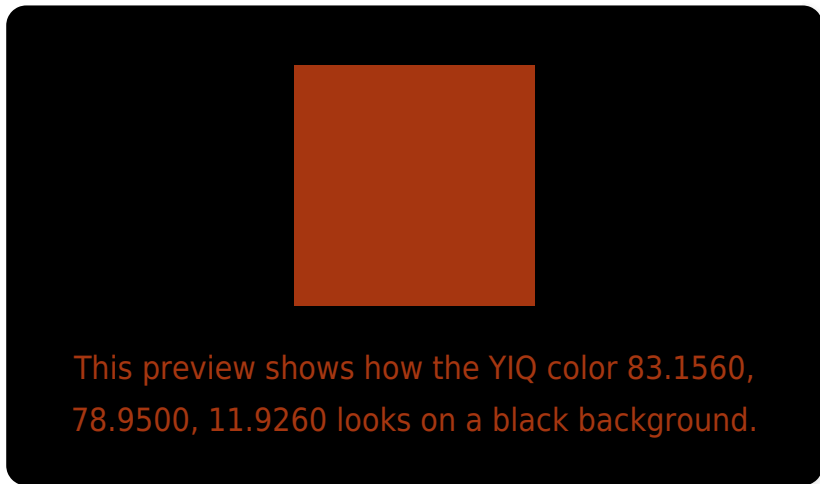
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

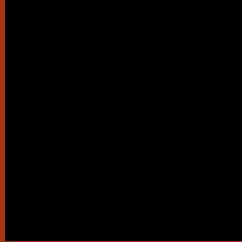
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.1560, 78.9500, 11.9260

Background



This preview shows how black text looks on a background with the YIQ color 83.1560, 78.9500, 11.9260.



This preview shows how white text looks on a background with the YIQ color 83.1560, 78.9500,

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

83.1560, 78.9500, 11.9260

Protanopia

89.5370, 28.3840, -18.8160

Deuteranopia

87.5250, 45.8530, -21.5310



Tritanopia

85.9120, 68.4940, 25.2140

Trichromacy



Original Color

83.1560, 78.9500, 11.9260

Protanomaly

86.8540, 46.9050, -7.5510

Deuteranomaly

85.6610, 57.6340, -9.2620

Tritanomaly

85.0170, 72.3920, 20.6480

Monochromacy



Original Color

83.1560, 78.9500, 11.9260

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.7770, 28.6090, 4.6490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.1560, 78.9500, 11.9260 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(166, 54, 16)` looks like.

```
.text, #text, p{  
    color:rgb(166, 54, 16)  
}
```

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(166, 54, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 54, 16) }
```

Border

The CSS property to change the border of an element to YIQ 83.1560, 78.9500, 11.9260 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(166, 54, 16) }
```


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

```
.border{ border-color:rgb(166, 54, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 54, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 54, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 54, 16);  
box-shadow:4px 4px 4px 4px rgb(166, 54,  
16) }
```

Background

The CSS property to change the background color of an element to YIQ 83.1560, 78.9500, 11.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 54, 16) }
```

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

```
.background{ background-color: rgb(166, 54,  
16) }
```

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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