

Converting Colors

YIQ(89.0900, 79.3160, 16.3080)

Have a look what the booklet for
YIQ(89.0900, 79.3160, 16.3080)
contains.

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Color

**YIQ(89.0900, 79.3160,
16.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	AF391D
RGB	175, 57, 29
RGB Percent	69%, 22%, 11%
CMY	0.3135, 0.7766, 0.8859
CMYK	0.00, 0.67, 0.83, 0.31
HSL	11°, 72%, 40%
HSV	11°, 83%, 69%
XYZ	19.3778, 12.1322, 2.4884
YIQ	89.0900, 79.3160, 16.3080

Conversions

Conversions Part 2

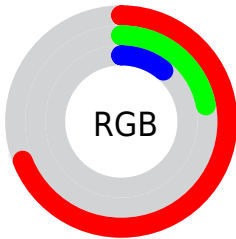
Format	Color
R_{YB}	175, 64, 29
Decimal	11483421
CIE _{Lab}	41.43, 46.75, 42.25
CIE _{LCh}	41, 63.018, 42.104
Yxy	12.1322, 0.5700, 0.3568
Android (android.graphics.Color)	4289673501 (0xFFAF391D)
YUV	89.0900, -29.6244, 75.3431
Hunter-Lab	34.8313, 38.3504, 20.1462

Details

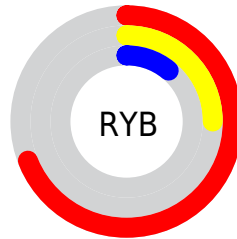
The YIQ color **89.0900, 79.3160, 16.3080** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **114.9100, -79.3160, -16.3080**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.0970, 86.6060, 16.3500**, and **34.3850, 68.5400, 24.3800** is the 20% darker color. If you saturate the color by 10%, you get **78.9340, 88.6230, 18.3430**, and if you desaturate by 10%, it is **99.3600, 69.6880, 14.5840**.

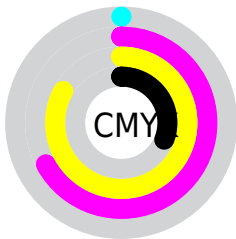
Distribution



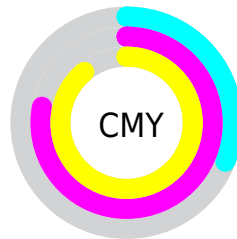
- Red (69%)
- Green (22%)
- Blue (11%)



- Red (69%)
- Yellow (25%)
- Blue (11%)



- Cyan (0%)
- Magenta (67%)
- Yellow (83%)
- Black (31%)





- Cyan (31%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 89.0900, 79.3160, 16.3080 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 89.0900, 79.3160, 16.3080 by changing the saturation by 10% instead.


 89.0900, 79.3160,
16.3080


 89.0900, 79.3160,
16.3080


255.0000, -0.0000,
-0.0000

 60.3610, 77.1150,
17.6510


 144.0970, 86.6060,
16.3500


 34.3850, 68.5400,
24.3800


 168.0640, 82.2050,
13.5090


 25.4150, 50.6600,
18.0200

 186.8770, 66.4340,
7.4740

 17.4560, 34.2470,
12.6070

 206.8640, 50.1130,
0.3930

 6.2790, 12.5160,
4.4520

 226.3780, 33.7460,
-5.8540

 0.0000, 0.0000,
0.0000

 246.5930, 16.7830,

-12.3130

■ 252.7200, 6.4200,
-6.2200

■ 89.0900, 79.3160,
16.3080

■ 89.0900, 79.3160,
16.3080

■ 78.9340, 88.6230,
18.3430

■ 99.3600, 69.6880,
14.5840

■ 71.6960, 95.2250,
19.8410

■ 109.5160, 60.3810,
12.5490

■ 119.7860, 50.7530,
10.8250

■ 130.5290, 41.1710,
8.2670

■ 140.7990, 31.5430,
6.5430

■ 150.9550, 22.2360,
4.5080

■ 161.2250, 12.6080,
2.7840

■ 171.3810, 3.3010,
0.7490

■ 181.6510, -6.3270,
-0.9750

Harmonies

Analogous

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



83.1160, 77.5680, 48.0000



89.0900, 79.3160, 16.3080



92.3640, 62.7240, -13.4040

Triad

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



89.0900, 79.3160, 16.3080



76.5620, -52.9940, -41.8100



79.7390, -90.8750, 11.4690

Complementary

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



89.0900, 79.3160, 16.3080



114.9100, -79.3160, -16.3080

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.



88.2020, -94.0370, 2.6910



89.0900, 79.3160, 16.3080



83.8920, -70.8780, -26.0620

Square

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



89.0900, 79.3160, 16.3080



76.7960, -10.2150, -51.6790



88.8910, -86.3320, -10.3000



99.8770, -2.3460, 42.5340

Rectangle

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



89.0900, 79.3160, 16.3080



91.6230, 42.4610, -26.1390



88.8910, -86.3320, -10.3000



83.4890, -93.1670, 8.9530

Sweetspot

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



89.0900, 79.3160, 16.3080



193.5000, 30.9470, 6.3310



86.2200, 48.8170, 67.9610



94.5740, 18.9350, 3.7590



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



89.0900, 79.3160, 16.3080



93.1140, 123.4670, 25.6350



131.3540, 59.5160, -21.3480



81.8650, 4.8140, 0.8620



61.8730, 81.4250, 16.6330



9.2250, 12.6080, 2.7840

Inverse Universe

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



114.9100, -79.3160, -16.3080



133.8860, -123.4670, -25.6350



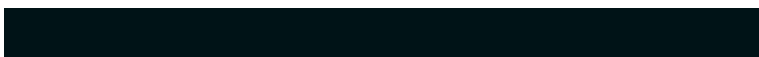
72.6460, -59.5160, 21.3480



83.1350, -4.8140, -0.8620



88.7140, -81.7000, -17.1560



13.7750, -12.6080, -2.7840

Previews

White Background



This preview shows how the YIQ color 89.0900, 79.3160, 16.3080 looks on a white background.

Color Contrast Check

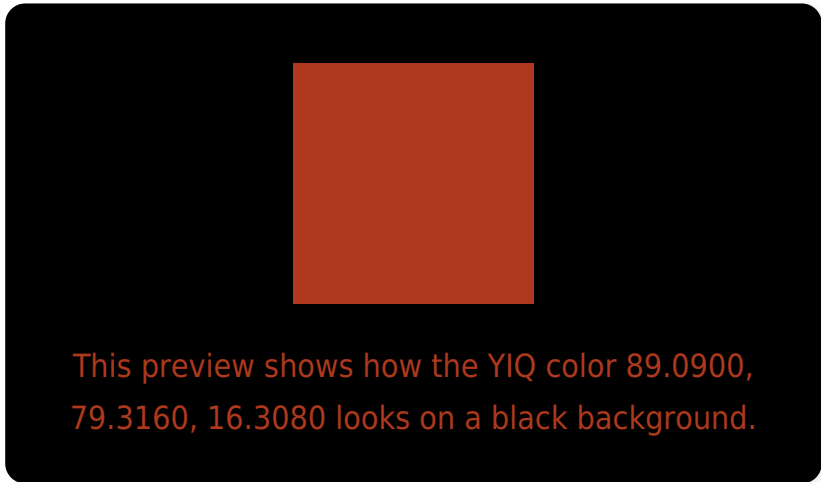
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.0900, 79.3160, 16.3080

Background



This preview shows how black text looks on a background with the YIQ color 89.0900, 79.3160, 16.3080.



This preview shows how white text looks on a background with the YIQ color 89.0900, 79.3160,

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

89.0900, 79.3160, 16.3080

Protanopia

95.5630, 25.4950, -16.0170

Deuteranopia

94.2630, 43.8350, -17.9970



Tritanopia

90.8200, 71.7490, 26.7970

Trichromacy



Original Color

89.0900, 79.3160, 16.3080

Protanomaly

93.4780, 45.2080, -4.3280

Deuteranomaly

92.5840, 56.5330, -5.8270

Tritanomaly

90.2670, 74.6840, 23.1640

Monochromacy



Original Color

89.0900, 79.3160, 16.3080

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.7170, 28.8380, 6.0060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.0900, 79.3160, 16.3080 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(175, 57, 29)` looks like.

```
.text, #text, p{  
    color:rgb(175, 57, 29)  
}
```

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(175, 57, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 57, 29) }
```

Border

The CSS property to change the border of an element to YIQ 89.0900, 79.3160, 16.3080 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(175, 57, 29) }
```


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

```
.border{ border-color:rgb(175, 57, 29) }
```

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

Here you see how a box with a 4 pixel rgb(175, 57, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 57, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 57, 29);  
box-shadow:4px 4px 4px 4px rgb(175, 57,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 89.0900, 79.3160, 16.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 57, 29) }
```

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

```
.background{ background-color: rgb(175, 57,  
29) }
```

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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