

Converting Colors

YIQ(89.3160, 81.0150, 2.0310)

Have a look what the booklet for
YIQ(89.3160, 81.0150, 2.0310)
contains.

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Color

**YIQ(89.3160, 81.0150,
2.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	A84203
RGB	168, 66, 3
RGB Percent	66%, 26%, 1%
CMY	0.3410, 0.7413, 0.9879
CMYK	0.00, 0.61, 0.98, 0.34
HSL	23°, 96%, 34%
HSV	23°, 98%, 66%
XYZ	18.1222, 12.2287, 1.4941
YIQ	89.3160, 81.0150, 2.0310

Conversions

Conversions Part 2

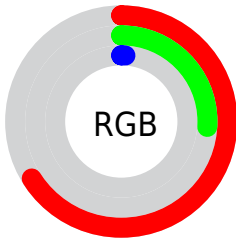
Format	Color
RYB	168, 105, 3
Decimal	11026947
CIELab	41.58, 39.60, 51.39
CIElCh	42, 64.878, 52.381
Yxy	12.2287, 0.5691, 0.3840
Android (android.graphics.Color)	4289217027 (0xFFA84203)
YUV	89.3160, -42.5538, 69.0059
Hunter-Lab	34.9696, 31.3067, 21.9455

Details

The YIQ color **89.3160, 81.0150, 2.0310** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **81.6840, -81.0150, -2.0310**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.9470, 86.6080, 5.2960**, and **38.7490, 61.3430, 17.1430** is the 20% darker color. If you saturate the color by 10%, you get **87.8000, 82.5280, 2.1440**, and if you desaturate by 10%, it is **97.1240, 72.8080, 2.0880**.

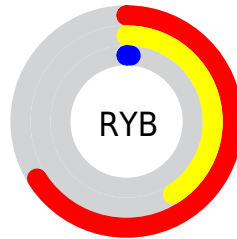
Distribution



Red (66%)

Green (26%)

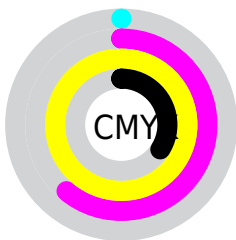
Blue (1%)



Red (66%)

Yellow (41%)

Blue (1%)

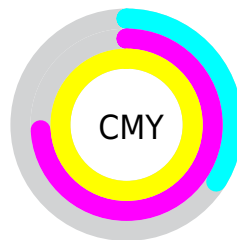


Cyan (0%)

Magenta (61%)

Yellow (98%)

Black (34%)



Cyan (34%)

Magenta (74%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.3160, 81.0150, 2.0310 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 89.3160, 81.0150, 2.0310 by changing the saturation by 10% instead.

■ 89.3160, 81.0150,
2.0310

■ 89.3160, 81.0150,
2.0310

■ 253.8600, 3.2100,
-3.1100

■ 64.7420, 71.2480,
8.3360

■ 143.9470, 86.6080,
5.2960

■ 38.7490, 61.3430,
17.1430

■ 170.1210, 86.0580,
4.2500

■ 23.6210, 47.0840,
16.7480

■ 188.9340, 70.2870,
-1.7850

■ 15.9610, 31.2670,
11.5470

■ 208.3340, 54.2410,
-8.3430

■ 2.6910, 5.3640,
1.9080

■ 227.8480, 37.8740,
-14.5900

■ 0.0000, 0.0000,
0.0000

■ 247.3620, 21.5070,

-20.8370

■ 250.5540, 12.5190,
-12.1290

■ 89.3160, 81.0150,
2.0310

■ 89.3160, 81.0150,
2.0310

■ 87.8000, 82.5280,
2.1440

■ 97.1240, 72.8080,
2.0880

■ 105.5190, 64.3260,
1.6220

■ 113.3270, 56.1190,
1.6790

■ 121.6080, 47.9580,
0.9020

■ 129.4160, 39.7510,
0.9590

■ 137.2240, 31.5440,
1.0160

■ 145.6190, 23.0620,
0.5500

■ 153.4270, 14.8550,
0.6070

■ 161.7080, 6.6940,
-0.1700

Harmonies

Analogous

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



83.1240, 83.1170, 41.0450



89.3160, 81.0150, 2.0310



92.5860, 53.0510, -19.8210

Triad

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



89.3160, 81.0150, 2.0310



79.7880, -59.3220, -37.2580



91.8470, -55.5280, 26.1680

Complementary

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



89.3160, 81.0150, 2.0310



81.6840, -81.0150, -2.0310

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.



87.3530, -95.7800, 6.7480



89.3160, 81.0150, 2.0310



86.6450, -77.2520, -20.6760

Square

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



89.3160, 81.0150, 2.0310



70.7140, -39.2830, -53.5150



90.1280, -91.1930, -4.8010



98.4560, 18.1930, 50.2650

Rectangle

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



89.3160, 81.0150, 2.0310



90.0620, 30.6790, -32.8810



90.1280, -91.1930, -4.8010



80.7820, -92.4340, 12.1900

Sweetspot

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



89.3160, 81.0150, 2.0310



188.9250, 30.9480, 0.8040



64.3050, 64.6350, 67.6350



91.4660, 19.1190, 0.4230



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.



89.3160, 81.0150, 2.0310



114.7890, 107.4240, 2.4960



136.2760, 59.0150, -39.8090



80.1530, 3.9430, 0.1270



77.1240, 72.8080, 2.0880



10.6760, 9.7200, 0.0560

Inverse Universe

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



81.6840, -81.0150, -2.0310



104.7980, -107.6990, -3.0190



34.7240, -59.0150, 39.8090



79.8470, -3.9430, -0.1270



70.8760, -72.8080, -2.0880



9.9110, -9.9950, -0.5790

Previews

White Background



This preview shows how the YIQ color 89.3160, 81.0150, 2.0310 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



This preview shows how the YIQ color 89.3160, 81.0150, 2.0310 looks on a 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 89.3160, 81.0150, 2.0310

Background



This preview shows how black text looks on a background with the YIQ color 89.3160, 81.0150, 2.0310.



This preview shows how white text looks on a background with the YIQ color 89.3160, 81.0150,

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

89.3160, 81.0150, 2.0310

Protanopia

93.5390, 34.0700, -22.7460

Deuteranopia

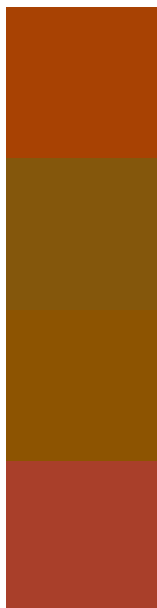
92.5530, 48.6500, -22.6620



Tritanopia

94.0470, 63.6800, 24.3520

Trichromacy



Original Color

89.3160, 81.0150, 2.0310

Protanomaly

91.9050, 50.8950, -13.7850

Deuteranomaly

91.5810, 60.6150, -13.7290

Tritanomaly

92.3000, 69.9170, 15.9410

Monochromacy



Original Color

89.3160, 81.0150, 2.0310

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.4410, 29.4350, 0.6910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.3160, 81.0150, 2.0310 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(168, 66, 3)` looks like.

```
.text, #text, p{  
    color:rgb(168, 66, 3)  
}
```

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(168, 66, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 66, 3) }
```

Border

The CSS property to change the border of an element to YIQ 89.3160, 81.0150, 2.0310 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(168, 66, 3) }
```


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

```
.border{ border-color:rgb(168, 66, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 66, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 66, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 66, 3);  
box-shadow:4px 4px 4px 4px rgb(168, 66, 3)  
}
```

Background

The CSS property to change the background color of an element to YIQ 89.3160, 81.0150, 2.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 66, 3) }
```

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

```
.background{ background-color: rgb(168, 66,  
3) }
```

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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