

Converting Colors

YIQ(81.6890, 69.5990, -0.3290)

Have a look what the booklet for
YIQ(81.6890, 69.5990, -0.3290)
contains.

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Color

**YIQ(81.6890, 69.5990,
-0.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	943F04
RGB	148, 63, 4
RGB Percent	58%, 25%, 2%
CMY	0.4194, 0.7531, 0.9840
CMYK	0.00, 0.57, 0.97, 0.42
HSL	25°, 95%, 30%
HSV	25°, 97%, 58%
XYZ	14.0183, 9.8598, 1.2815
YIQ	81.6890, 69.5990, -0.3290

Conversions

Conversions Part 2

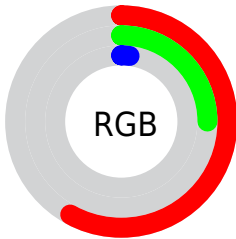
Format	Color
R_{YB}	148, 104, 4
Decimal	9715460
CIE Lab	37.59, 33.18, 46.90
CIE LCh	38, 57.454, 54.721
Yxy	9.8598, 0.5572, 0.3919
Android (android.graphics.Color)	4287905540 (0xFF943F04)
YUV	81.6890, -38.3007, 58.1547
Hunter-Lab	31.4004, 24.7383, 19.5605

Details

The YIQ color **81.6890, 69.5990, -0.3290** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **70.3110, -69.5990, 0.3290**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **134.9070, 74.9170, 2.4130**, and **34.5410, 50.0650, 12.2810** is the 20% darker color. If you saturate the color by 10%, you get **80.0590, 71.4330, -0.5270**, and if you desaturate by 10%, it is **88.6820, 62.3090, -0.3710**.

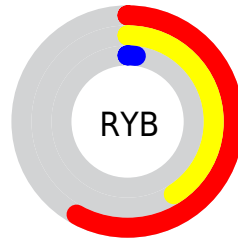
Distribution



Red (58%)

Green (25%)

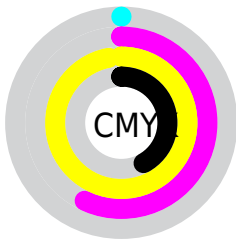
Blue (2%)



Red (58%)

Yellow (41%)

Blue (2%)

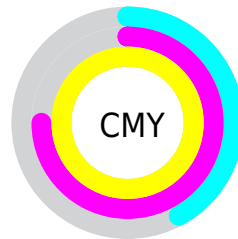


Cyan (0%)

Magenta (57%)

Yellow (97%)

Black (42%)



Cyan (42%)

Magenta (75%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.6890, 69.5990, -0.3290 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 81.6890, 69.5990, -0.3290 by changing the saturation by 10% instead.

81.6890, 69.5990,
-0.3290

81.6890, 69.5990,
-0.3290

253.6320, 3.8520,
-3.7320

58.4740, 60.1990,
4.8310

134.9070, 74.9170,
2.4130

34.5410, 50.0650,
12.2810

162.2880, 78.2180,
3.1620

18.5380, 36.9520,
13.1440

185.7710, 72.3040,
0.2080

10.8780, 21.1350,
7.9430

204.5840, 56.5330,
-5.8270

0.0000, 0.0000,
0.0000

224.5710, 40.2120,
-12.9080

244.1990, 23.5240,

-18.8440

250.3260, 13.1610,
-12.7510

81.6890, 69.5990,
-0.3290

81.6890, 69.5990,
-0.3290

80.0590, 71.4330,
-0.5270

88.6820, 62.3090,
-0.3710

95.0880, 55.2940,
0.1100

101.9670, 48.3250,
-0.2430

108.9600, 41.0350,
-0.2850

115.9530, 33.7450,
-0.3270

■ 122.3590, 26.7300,
0.1540

■ 129.3520, 19.4400,
0.1120

■ 136.3450, 12.1500,
0.0700

■ 143.2240, 5.1810,
-0.2830

Harmonies

Analogous

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



78.2810, 72.0690, 32.0130



81.6890, 69.5990, -0.3290



83.6930, 45.4400, -19.5520

Triad

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



81.6890, 69.5990, -0.3290



72.4020, -55.0590, -31.9150



85.9320, -39.7100, 25.8420

Complementary

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



81.6890, 69.5990, -0.3290



70.3110, -69.5990, 0.3290

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.



77.6870, -85.0970, 5.8710



81.6890, 69.5990, -0.3290



78.3470, -70.4210, -17.8210

Square

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



81.6890, 69.5990, -0.3290



64.9410, -38.1840, -45.8960



80.9180, -81.7940, -4.4340



88.9520, 19.4320, 44.3280

Rectangle

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



81.6890, 69.5990, -0.3290



80.6040, 26.2770, -30.1950



80.9180, -81.7940, -4.4340



70.8880, -81.1090, 10.6910

Sweetspot

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



81.6890, 69.5990, -0.3290



165.3590, 26.7300, 0.1540



56.8600, 58.2180, 57.2740



81.3840, 16.4140, -0.1140



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



81.6890, 69.5990, -0.3290



102.8950, 92.3860, -0.3020



123.3660, 50.0740, -37.4620



70.8540, 3.3470, -0.0850



74.1340, 66.8480, -0.0320



5.3380, 4.8600, 0.0280

Inverse Universe

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



70.3110, -69.5990, 0.3290



88.1050, -92.3860, 0.3020



28.6340, -50.0740, 37.4620



70.1460, -3.3470, 0.0850



63.2790, -66.5730, 0.5550



4.6620, -4.8600, -0.0280

Previews

White Background



This preview shows how the YIQ color 81.6890, 69.5990, -0.3290 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



This preview shows how the YIQ color 81.6890, 69.5990, -0.3290 looks on a 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 81.6890, 69.5990, -0.3290

Background



This preview shows how black text looks on a background with the YIQ color 81.6890, 69.5990, -0.3290.



This preview shows how white text looks on a background with the YIQ color 81.6890, 69.5990,

-0.3290.

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

81.6890, 69.5990, -0.3290

Protanopia

84.7390, 30.6310, -20.9930

Deuteranopia

83.6820, 43.9730, -20.4990



Tritanopia

86.5510, 53.2730, 20.2250

Trichromacy



Original Color

81.6890, 69.5990, -0.3290

Protanomaly

83.4960, 44.7970, -13.4030

Deuteranomaly

82.9870, 53.6000, -13.2480

Tritanomaly

84.4450, 59.1430, 12.9590

Monochromacy



Original Color

81.6890, 69.5990, -0.3290

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.8750, 25.2170, 0.0410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.6890, 69.5990, -0.3290 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(148, 63, 4)` looks like.

```
.text, #text, p{  
    color:rgb(148, 63, 4)  
}
```

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(148, 63, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 63, 4) }
```

Border

The CSS property to change the border of an element to YIQ 81.6890, 69.5990, -0.3290 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(148, 63, 4) }
```


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

```
.border{ border-color:rgb(148, 63, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 63, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 63, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 63, 4);  
box-shadow:4px 4px 4px 4px rgb(148, 63, 4)  
}
```

Background

The CSS property to change the background color of an element to YIQ 81.6890, 69.5990, -0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 63, 4) }
```

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

```
.background{ background-color: rgb(148, 63,  
4) }
```

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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