

Converting Colors

YIQ(87.9990, 29.2450, 37.1890)

Have a look what the booklet for
YIQ(87.9990, 29.2450, 37.1890)
contains.

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Color

**YIQ(87.9990, 29.2450,
37.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	8B3877
RGB	139, 56, 119
RGB Percent	55%, 22%, 47%
CMY	0.4547, 0.7805, 0.5333
CMYK	0.00, 0.60, 0.14, 0.45
HSL	314°, 43%, 38%
HSV	314°, 60%, 55%
XYZ	15.4008, 9.6515, 18.5094
YIQ	87.9990, 29.2450, 37.1890

Conversions

Conversions Part 2

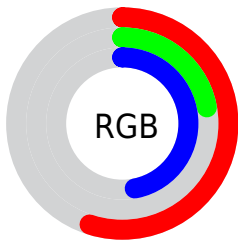
Format	Color
R_{YB}	139, 56, 119
Decimal	9123959
CIE _{Lab}	37.21, 43.24, -19.05
CIE _{LCh}	37, 47.247, 336.220
Yxy	9.6515, 0.3535, 0.2216
Android (android.graphics.Color)	4287314039 (0xFF8B3877)
YUV	87.9990, 15.2835, 44.7279
Hunter-Lab	31.0668, 34.1214, -13.5778

Details

The YIQ color **87.9990, 29.2450, 37.1890** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **107.0010, -29.2450, -37.1890**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.1950, 31.6290, 38.0370**, and **33.6940, 28.7860, 40.0020** is the 20% darker color. If you saturate the color by 10%, you get **79.4390, 34.0580, 43.5780**, and if you desaturate by 10%, it is **96.5590, 24.4320, 30.8000**.

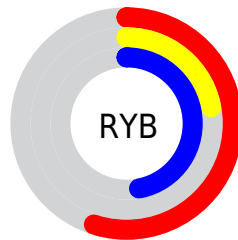
Distribution



Red (55%)

Green (22%)

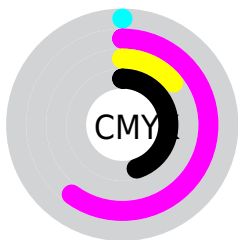
Blue (47%)



Red (55%)

Yellow (22%)

Blue (47%)

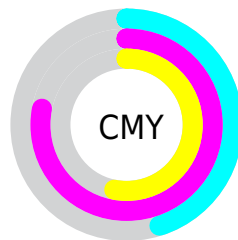


Cyan (0%)

Magenta (60%)

Yellow (14%)

Black (45%)



Cyan (45%)

Magenta (78%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.9990, 29.2450, 37.1890 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 87.9990, 29.2450, 37.1890 by changing the saturation by 10% instead.

87.9990, 29.2450,
37.1890

87.9990, 29.2450,
37.1890

255.0000, -0.0000,
-0.0000

61.2270, 28.6030,
37.8110

141.1950, 31.6290,
38.0370

33.6940, 28.7860,
40.0020

168.0210, 32.1790,
39.0830

23.7110, 20.9480,
27.8600

196.0320, 33.6460,
40.0300

14.4400, 13.9810,
16.4530

216.2580, 18.1500,
34.5180

0.0000, 0.0000,
0.0000

232.6940, 10.4500,
19.8740

249.7170, 2.4750,

4.7070

■ 87.9990, 29.2450,
37.1890

■ 87.9990, 29.2450,
37.1890

■ 79.4390, 34.0580,
43.5780

■ 96.5590, 24.4320,
30.8000

■ 70.7650, 39.1920,
49.6560

■ 105.2330, 19.2980,
24.7220

■ 62.2050, 44.0050,
56.0450

■ 113.7930, 14.4850,
18.3330

■ 53.6450, 48.8180,
62.4340

■ 122.3530, 9.6720,
11.9440

■ 130.4400, 4.8130,
6.3890

■ 139.0000, -0.0000,
0.0000

■ 147.5600, -4.8130,
-6.3890

■ 156.2340, -9.9470,
-12.4670

■ 164.7940,
-14.7600, -18.8560

Harmonies

Analogous

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



89.7260, -9.7710, 28.4130



87.9990, 29.2450, 37.1890



83.7550, 53.1790, 32.9470

Triad

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



87.9990, 29.2450, 37.1890



80.9580, 34.2080, -25.2480



76.0960, -70.9720, -13.3400

Complementary

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



87.9990, 29.2450, 37.1890



107.0010, -29.2450, -37.1890

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.



72.4650, -59.3700, -25.3700



87.9990, 29.2450, 37.1890



76.9200, 1.8400, -33.3600

Square

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



87.9990, 29.2450, 37.1890



83.5620, 53.5990, -7.7210



66.7310, -45.9800, -36.7640



76.5980, -77.8970, -3.4730

Rectangle

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



87.9990, 29.2450, 37.1890



83.5410, 59.2330, 22.3450



66.7310, -45.9800, -36.7640



75.3150, -67.3950, -17.5950

Sweetspot

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



87.9990, 29.2450, 37.1890



160.7170, 11.6430, 14.7710



71.1430, -15.3190, 29.8410



79.6900, 7.1050, 8.9050



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



87.9990, 29.2450, 37.1890



101.1560, 45.7010, 58.3490



83.3250, 42.4060, 24.4380



64.6630, 2.5670, 3.0390



51.2810, 46.8470, 59.6070



1.9510, 1.6960, 2.3040

Inverse Universe

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



87.9990, 29.2450, 37.1890



101.1560, 45.7010, 58.3490



111.6750, -42.4060, -24.4380



64.6630, 2.5670, 3.0390



51.2810, 46.8470, 59.6070



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 87.9990, 29.2450, 37.1890 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

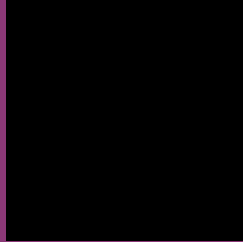
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 87.9990, 29.2450, 37.1890

Background



This preview shows how black text looks on a background with the YIQ color 87.9990, 29.2450, 37.1890.



This preview shows how white text looks on a background with the YIQ color 87.9990, 29.2450,

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

87.9990, 29.2450, 37.1890

Protanopia

87.2190, -30.8130, 13.2750

Deuteranopia

88.8820, -11.0510, 7.5490



Tritanopia

88.3040, 37.7310, 15.5470

Trichromacy



Original Color

87.9990, 29.2450, 37.1890

Protanomaly

87.8090, -8.8070, 21.9530

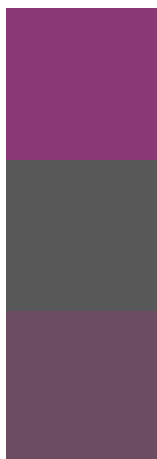
Deuteranomaly

88.6330, 3.2520, 18.1640

Tritanomaly

88.4920, 34.5660, 23.3500

Monochromacy



Original Color

87.9990, 29.2450, 37.1890

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

87.8910, 11.0930, 13.7250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.9990, 29.2450, 37.1890 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(139, 56, 119)` looks like.

```
.text, #text, p{  
    color:rgb(139, 56, 119)  
}
```

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(139, 56, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 56, 119) }
```

Border

The CSS property to change the border of an element to YIQ 87.9990, 29.2450, 37.1890 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(139, 56, 119) }
```


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

```
.border{ border-color:rgb(139, 56, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 56, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 56, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 56, 119);  
box-shadow:4px 4px 4px 4px rgb(139, 56,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 87.9990, 29.2450, 37.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 56, 119) }
```

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

```
.background{ background-color: rgb(139, 56,  
119) }
```

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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