

Converting Colors

YIQ(27.2890, -9.4980, 39.9900)

Have a look what the booklet for
YIQ(27.2890, -9.4980, 39.9900)
contains.

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Color

**YIQ(27.2890, -9.4980,
39.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	2B046A
RGB	43, 4, 106
RGB Percent	17%, 2%, 42%
CMY	0.8312, 0.9844, 0.5844
CMYK	0.59, 0.96, 0.00, 0.58
HSL	263°, 93%, 22%
HSV	263°, 96%, 42%
XYZ	3.6411, 1.6409, 13.7524
YIQ	27.2890, -9.4980, 39.9900

Conversions

Conversions Part 2

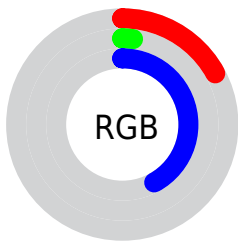
Format	Color
R_{YB}	43, 4, 106
Decimal	2819178
CIE _{Lab}	13.48, 41.50, -49.52
CIE _{LCh}	13, 64.610, 309.960
Yxy	1.6409, 0.1913, 0.0862
Android (android.graphics.Color)	4281009258 (0xFF2B046A)
YUV	27.2890, 38.8045, 13.7785
Hunter-Lab	12.8099, 28.3206, -54.6855

Details

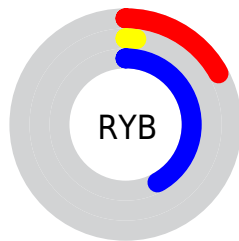
The YIQ color **27.2890, -9.4980, 39.9900** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **82.7110, 9.4980, -39.9900**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **79.5990, -7.4350, 41.1490**, and **6.4980, -18.2970, 17.7270** is the 20% darker color. If you saturate the color by 10%, you get **24.3430, -9.5900, 41.6580**, and if you desaturate by 10%, it is **35.8390, -8.3510, 35.7210**.

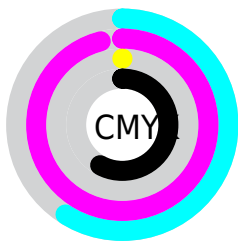
Distribution



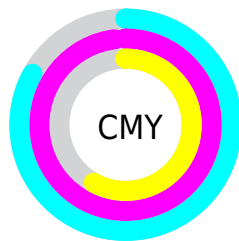
- Red (17%)
- Green (2%)
- Blue (42%)



- Red (17%)
- Yellow (2%)
- Blue (42%)



- Cyan (59%)
- Magenta (96%)
- Yellow (0%)
- Black (58%)



- Cyan (83%)
- Magenta (98%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.2890, -9.4980, 39.9900 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 27.2890, -9.4980, 39.9900 by changing the saturation by 10% instead.

■ 27.2890, -9.4980,
39.9900

■ 27.2890, -9.4980,
39.9900

■ 246.1950, 4.1250,
7.8450

■ 12.8220, -18.8490,
27.7350

■ 79.5990, -7.4350,
41.1490

■ 6.4980, -18.2970,
17.7270

■ 104.9520, -6.9310,
43.0290

■ 5.1640, -11.7850,
9.8390

■ 131.1910, -6.1060,
44.5980

■ 1.0260, -2.8890,
2.7990

■ 158.1310, -5.8770,
45.9550


■ 0.0000, 0.0000,
0.0000


■ 183.1330, -0.1910,
42.0250


■ 208.5390, 9.9890,


33.7410


 229.7590, 11.8250,
22.4890


 27.2890, -9.4980,
39.9900


 27.2890, -9.4980,
39.9900


 24.3430, -9.5900,
41.6580

 35.8390, -8.3510,
35.7210

 43.5030, -7.5250,
31.7630

 52.0530, -6.3780,
27.4940

 59.7170, -5.5520,
23.5360

 68.2670, -4.4050,
19.2670

■ 76.5180, -3.8540,
14.7860

■ 84.4810, -2.4320,
11.0400

■ 92.7320, -1.8810,
6.5590

■ 100.6950, -0.4590,
2.8130

Harmonies

Analogous

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



36.7840, -51.2170, 19.6230



27.2890, -9.4980, 39.9900



35.7440, 34.5170, 40.7650

Triad

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



27.2890, -9.4980, 39.9900



31.1860, 34.7070, 4.2670



34.9360, -29.4790, -10.9110

Complementary

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



27.2890, -9.4980, 39.9900



82.7110, 9.4980, -39.9900

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.



28.7630, -13.4750, -25.6270



27.2890, -9.4980, 39.9900



31.2760, 7.4300, -13.5140

Square

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



27.2890, -9.4980, 39.9900



27.8070, 55.4280, 19.7160



27.0020, -12.6500, -24.0580



40.5390, -43.8780, 2.2500

Rectangle

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



27.2890, -9.4980, 39.9900



35.3140, 50.1070, 33.5550



27.0020, -12.6500, -24.0580



33.1120, -24.3430, -15.8870

Sweetspot

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



27.2890, -9.4980, 39.9900



107.0450, -3.9000, 15.6200



53.7830, -50.6170, -2.2730



50.4270, -2.3400, 9.3720



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



27.2890, -9.4980, 39.9900



31.5790, -12.7100, 54.1540



41.9400, 19.7060, 50.3780



49.2820, -0.7340, 2.2900



26.7930, -10.7370, 45.9270



56.0360, -22.6210, 96.1230

Inverse Universe

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



41.6800, 40.5690, 41.2170



50.9520, 54.9630, 55.6910



68.0600, -19.7060, -50.3780



50.1360, 2.6130, 2.2050



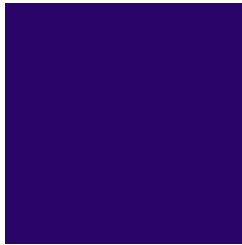
43.1910, 46.6200, 47.1960



90.4690, 97.5490, 98.9010

Previews

White Background



This preview shows how the YIQ color 27.2890, -9.4980, 39.9900 looks on a white background.

Color Contrast Check

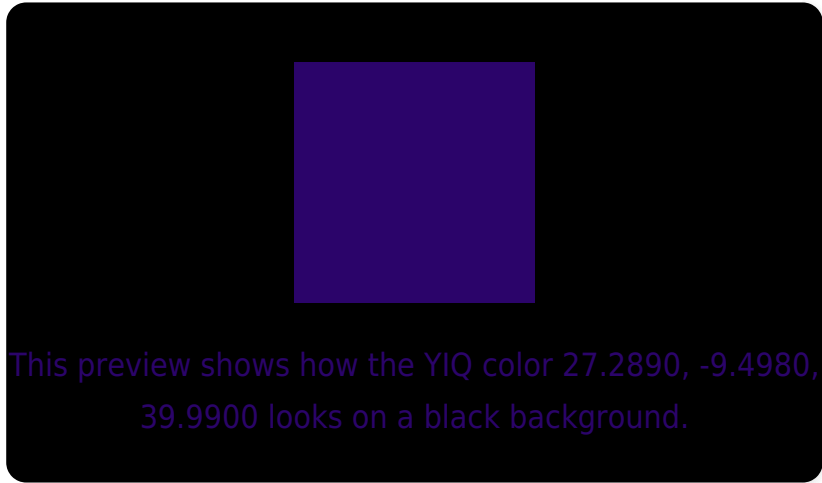
Large Text (above 18pt) WCAG AA ✓ Pass

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

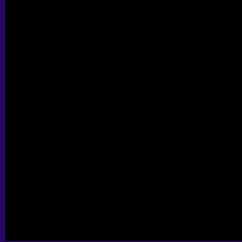
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.2890, -9.4980, 39.9900

Background



This preview shows how black text looks on a background with the YIQ color 27.2890, -9.4980, 39.9900.



This preview shows how white text looks on a background with the YIQ color 27.2890, -9.4980,

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

27.2890, -9.4980, 39.9900

Protanopia

29.9100, -34.6170, 5.1190

Deuteranopia

30.3030, -31.5900, -0.1820



Tritanopia

33.6820, -16.7800, -4.2680

Trichromacy



Original Color

27.2890, -9.4980, 39.9900

Protanomaly

28.9040, -25.3120, 18.2080

Deuteranomaly

29.1660, -23.2940, 14.6740

Tritanomaly

31.5490, -14.3070, 11.4930

Monochromacy



Original Color

27.2890, -9.4980, 39.9900

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.4040, -3.5330, 14.4750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.2890, -9.4980, 39.9900 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(43, 4, 106)` looks like.

```
.text, #text, p{  
    color:rgb(43, 4, 106)  
}
```

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(43, 4, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 4, 106) }
```

Border

The CSS property to change the border of an element to YIQ 27.2890, -9.4980, 39.9900 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(43, 4, 106) }
```


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

```
.border{ border-color:rgb(43, 4, 106) }
```

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

Here you see how a box with a 4 pixel rgb(43, 4, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 4, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 4, 106);  
box-shadow:4px 4px 4px 4px rgb(43, 4, 106)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.2890, -9.4980, 39.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 4, 106) }
```

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

```
.background{ background-color: rgb(43, 4,  
106) }
```

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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