

Converting Colors

YIQ(99.6610, 39.2980, -29.3900)

Have a look what the booklet for
YIQ(99.6610, 39.2980, -29.3900)
contains.

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Color

**YIQ(99.6610, 39.2980,
-29.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	776C06
RGB	119, 108, 6
RGB Percent	47%, 42%, 2%
CMY	0.5334, 0.5765, 0.9762
CMYK	0.00, 0.09, 0.95, 0.53
HSL	54°, 90%, 25%
HSV	54°, 95%, 47%
XYZ	13.0017, 14.6586, 2.3182
YIQ	99.6610, 39.2980, -29.3900

Conversions

Conversions Part 2

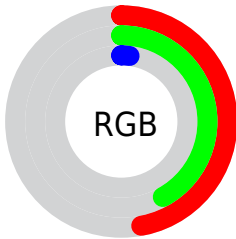
Format	Color
R_{YB}	18, 119, 6
Decimal	7826438
CIE Lab	45.16, -6.01, 50.02
CIE LCh	45, 50.381, 96.848
Yxy	14.6586, 0.4337, 0.4890
Android (android.graphics.Color)	4286016518 (0xFF776C06)
YUV	99.6610, -46.1749, 16.9603
Hunter-Lab	38.2866, -6.3850, 23.2108

Details

The YIQ color **99.6610, 39.2980, -29.3900** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **25.3390, -39.2980, 29.3900**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.6550, 39.4350, -26.3650**, and **55.8400, 23.1570, -17.6990** is the 20% darker color. If you saturate the color by 10%, you get **98.3900, 41.4990, -30.7330**, and if you desaturate by 10%, it is **101.6160, 35.1710, -26.1810**.

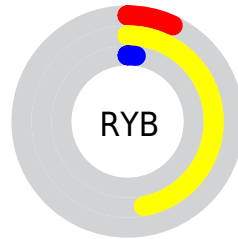
Distribution



Red (47%)

Green (42%)

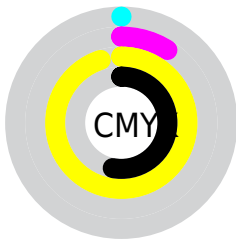
Blue (2%)



Red (7%)

Yellow (47%)

Blue (2%)

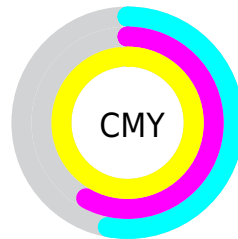


Cyan (0%)

Magenta (9%)

Yellow (95%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.6610, 39.2980, -29.3900 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 99.6610, 39.2980, -29.3900 by changing the saturation by 10% instead.

■ 99.6610, 39.2980,
-29.3900

■ 99.6610, 39.2980,
-29.3900

■ 255.0000, -0.0000,
-0.0000

■ 76.8160, 31.7320,
-24.4280

■ 152.6550, 39.4350,
-26.3650

■ 55.8400, 23.1570,
-17.6990

■ 180.1390, 40.9480,
-26.2520

■ 35.7390, 13.4360,
-12.2280

■ 208.2100, 42.1860,
-26.6620

■ 15.6270, 2.2480,
-7.7040

■ 234.6010, 39.5270,
-28.0330

■ 0.0000, 0.0000,
0.0000

■ 245.3100, 27.2850,
-26.4350

■ 248.5020, 18.2970,

-17.7270

■ 251.8080, 8.9880,
-8.7080

■ 99.6610, 39.2980,
-29.3900

■ 99.6610, 39.2980,
-29.3900

■ 98.3900, 41.4990,
-30.7330

■ 101.6160, 35.1710,
-26.1810

■ 103.5710, 31.0440,
-22.9720

■ 105.5260, 26.9170,
-19.7630

■ 108.0680, 22.5150,
-17.0770

■ 110.0230, 18.3880,
-13.8680

■ 111.8640, 14.5820,
-10.9700

■ 113.8190, 10.4550,
-7.7610

■ 115.7740, 6.3280,
-4.5520

■ 117.7290, 2.2010,
-1.3430

Harmonies

Analogous

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



103.4870, 58.1840, -8.2160



99.6610, 39.2980, -29.3900



95.7410, 0.7860, -36.2860

Triad

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



99.6610, 39.2980, -29.3900



91.7460, -84.7260, -17.3820



108.2600, 33.0040, 40.6520

Complementary

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



99.6610, 39.2980, -29.3900



25.3390, -39.2980, 29.3900

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.



109.5460, -9.0840, 32.4840



99.6610, 39.2980, -29.3900



91.4160, -92.0640, -5.5360

Square

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



99.6610, 39.2980, -29.3900



87.7730, -72.1610, -30.3450



88.4480, -85.9220, 4.3020



103.8590, 58.8180, 35.3780

Rectangle

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



99.6610, 39.2980, -29.3900



86.5870, -36.9470, -40.7790



88.4480, -85.9220, 4.3020



109.5620, 20.3500, 38.7020

Sweetspot

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



99.6610, 39.2980, -29.3900



148.0490, 15.4990, -11.0690



41.0410, 63.8170, 27.3770



74.1610, 9.4920, -6.8280



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



99.6610, 39.2980, -29.3900



128.8240, 54.4760, -40.1480



92.6630, 9.4530, -44.6830



57.7290, 2.2010, -1.3430



101.0480, 42.4620, -31.6660



207.4120, 86.8500, -65.1980

Inverse Universe

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



25.3390, -39.2980, 29.3900



26.5890, -54.2010, 40.6710



32.3370, -9.4530, 44.6830



53.6840, -1.9260, 1.8660



20.9520, -42.4620, 31.6660



42.5880, -86.8500, 65.1980

Previews

White Background



This preview shows how the YIQ color 99.6610, 39.2980, -29.3900 looks on a white background.

Color Contrast Check

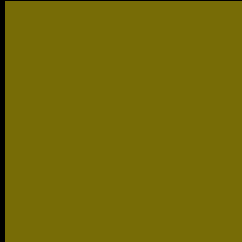
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.6610, 39.2980, -29.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

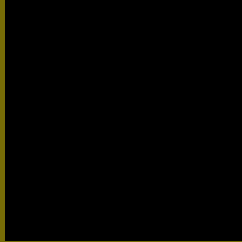
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.6610, 39.2980, -29.3900

Background



This preview shows how black text looks on a background with the YIQ color 99.6610, 39.2980, -29.3900.



This preview shows how white text looks on a background with the YIQ color 99.6610, 39.2980,

-29.3900.

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

99.6610, 39.2980, -29.3900

Protanopia

99.6720, 40.7650, -28.4430

Deuteranopia

101.9490, 47.5950, -20.0610



Tritanopia

108.3870, 12.3320, 7.7880

Trichromacy



Original Color

99.6610, 39.2980, -29.3900

Protanomaly

99.3730, 40.1690, -28.6550

Deuteranomaly

100.9870, 44.4320, -23.3120

Tritanomaly

105.3320, 22.1920, -5.7120

Monochromacy



Original Color

99.6610, 39.2980, -29.3900

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.9780, 14.2610, -10.6590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.6610, 39.2980, -29.3900 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(119, 108, 6)` looks like.

```
.text, #text, p{  
    color:rgb(119, 108, 6)  
}
```

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(119, 108, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 108, 6) }
```

Border

The CSS property to change the border of an element to YIQ 99.6610, 39.2980, -29.3900 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(119, 108, 6) }
```


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

```
.border{ border-color:rgb(119, 108, 6) }
```

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

Here you see how a box with a 4 pixel rgb(119, 108, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 108, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 108, 6);  
box-shadow:4px 4px 4px 4px rgb(119, 108,  
6) }
```

Background

The CSS property to change the background color of an element to YIQ 99.6610, 39.2980, -29.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 108, 6) }
```

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

```
.background{ background-color: rgb(119,  
108, 6) }
```

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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