

Converting Colors

YIQ(39.1280, 68.1260, 31.8860)

Have a look what the booklet for
YIQ(39.1280, 68.1260, 31.8860)
contains.

YIQ(39.1280, 68.1260, 31.8860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(39.1280, 68.1260,
31.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	7C0012
RGB	124, 0, 18
RGB Percent	49%, 0%, 7%
CMY	0.5134, 0.9999, 0.9292
CMYK	0.00, 1.00, 0.85, 0.51
HSL	351°, 100%, 24%
HSV	351°, 100%, 49%
XYZ	8.4332, 4.3348, 0.9673
YIQ	39.1280, 68.1260, 31.8860

Conversions

Conversions Part 2

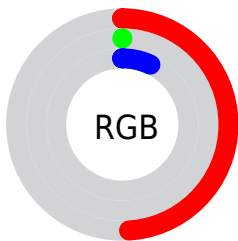
Format	Color
RYB	124, 0, 18
Decimal	8126482
CIELab	24.75, 47.37, 28.83
CIELCh	25, 55.453, 31.331
Yxy	4.3348, 0.6140, 0.3156
Android (android.graphics.Color)	4286316562 (0xFF7C0012)
YUV	39.1280, -10.4161, 74.4327
Hunter-Lab	20.8202, 35.8660, 11.8195

Details

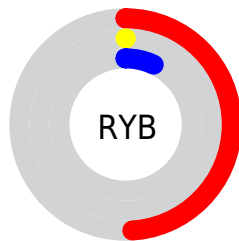
The YIQ color **39.1280, 68.1260, 31.8860** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **84.8720, -68.1260, -31.8860**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.7120, 71.9330, 23.4610**, and **19.7340, 39.3360, 13.9920** is the 20% darker color. If you saturate the color by 10%, you get **39.1280, 68.1260, 31.8860**, and if you desaturate by 10%, it is **47.4260, 61.2950, 29.0310**.

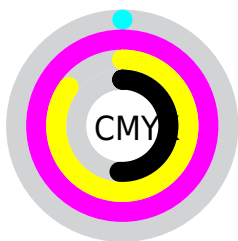
Distribution



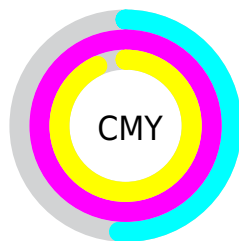
- Red (49%)
- Green (0%)
- Blue (7%)



- Red (49%)
- Yellow (0%)
- Blue (7%)



- Cyan (0%)
- Magenta (100%)
- Yellow (85%)
- Black (51%)





- Cyan (51%)
- Magenta (100%)
- Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 39.1280, 68.1260, 31.8860 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 39.1280, 68.1260, 31.8860 by changing the saturation by 10% instead.


 39.1280, 68.1260,
31.8860


 39.1280, 68.1260,
31.8860


 253.6320, 3.8520,
-3.7320


 28.4050, 56.6200,
20.1400

 100.7120, 71.9330,
23.4610


 19.7340, 39.3360,
13.9920


 127.5660, 75.2800,
23.3760

 11.4760, 22.3270,
8.3670

 155.4200, 78.6270,
23.2910


 0.0000, 0.0000,
0.0000


 177.2230, 68.8160,
19.3760


 196.6230, 52.7700,
12.8180


 216.1370, 36.4030,


6.5710


 236.3520, 19.4400,
0.1120


 39.1280, 68.1260,
31.8860

 47.4260, 61.2950,
29.0310

 56.1970, 54.5100,
25.3420

 64.4950, 47.6790,
22.4870

 73.2660, 40.8940,
18.7980

 81.5640, 34.0630,
15.9430

■ 89.8620, 27.2320,
13.0880

■ 98.6330, 20.4470,
9.3990

■ 106.9310, 13.6160,
6.5440

■ 115.7020, 6.8310,
2.8550

Harmonies

Analogous

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



44.9980, 57.3490, 45.4850



39.1280, 68.1260, 31.8860



53.9890, 51.2590, 1.6510

Triad

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



39.1280, 68.1260, 31.8860



44.3330, -24.2480, -34.1360



53.9840, -63.8240, 11.3120

Complementary

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



39.1280, 68.1260, 31.8860



84.8720, -68.1260, -31.8860

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.



58.0130, -62.7680, 3.1840



39.1280, 68.1260, 31.8860



50.8650, -39.8850, -20.5650

Square

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



39.1280, 68.1260, 31.8860



48.2880, -2.0120, -29.6280



55.6530, -53.3670, -7.5030



57.2990, -24.6260, 27.8060

Rectangle

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



39.1280, 68.1260, 31.8860



55.9280, 34.8930, -10.1230



55.6530, -53.3670, -7.5030



56.2180, -64.6030, 8.9090

Sweetspot

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



39.1280, 68.1260, 31.8860



127.4490, 26.9570, 12.5650



45.5310, 22.7760, 60.8240



61.4260, 16.5960, 7.6040



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



39.1280, 68.1260, 31.8860



50.7610, 88.5730, 41.2850



62.3170, 62.0790, 3.7990



56.9080, 3.2550, 1.5830



39.4270, 68.7220, 32.0980



79.5660, 138.3150, 64.9310

Inverse Universe

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



39.1280, 68.1260, 31.8860



50.7610, 88.5730, 41.2850



61.6830, -62.0790, -3.7990



56.9080, 3.2550, 1.5830



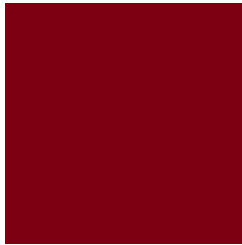
39.4270, 68.7220, 32.0980



79.5660, 138.3150, 64.9310

Previews

White Background



This preview shows how the YIQ color 39.1280, 68.1260, 31.8860 looks on a white background.

Color Contrast Check

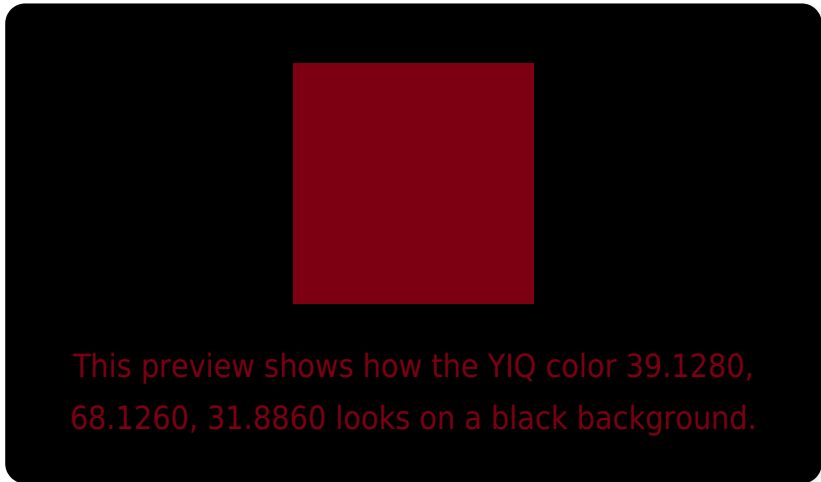
Large Text (above 18pt) WCAG AA ✓ Pass

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

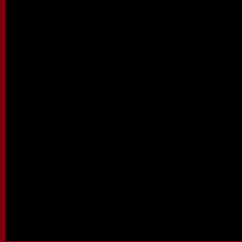
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.1280, 68.1260, 31.8860

Background



This preview shows how black text looks on a background with the YIQ color 39.1280, 68.1260, 31.8860.



This preview shows how white text looks on a background with the YIQ color 39.1280, 68.1260,

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

39.1280, 68.1260, 31.8860

Protanopia

61.0320, 14.1690, -8.9910

Deuteranopia

58.2540, 30.8590, -14.1090



Tritanopia

43.2340, 70.2830, 20.3230

Trichromacy



Original Color

39.1280, 68.1260, 31.8860

Protanomaly

53.0550, 33.6980, 6.0340

Deuteranomaly

51.5090, 43.9230, 2.4430

Tritanomaly

41.6840, 69.1360, 24.5920

Monochromacy



Original Color

39.1280, 68.1260, 31.8860

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

39.1390, 24.8940, 11.4060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.1280, 68.1260, 31.8860 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(124, 0, 18)` looks like.

```
.text, #text, p{  
    color:rgb(124, 0, 18)  
}
```

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(124, 0, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 0, 18) }
```

Border

The CSS property to change the border of an element to YIQ 39.1280, 68.1260, 31.8860 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(124, 0, 18) }
```


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

```
.border{ border-color:rgb(124, 0, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 0, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 0, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 0, 18);  
box-shadow:4px 4px 4px 4px rgb(124, 0, 18)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.1280, 68.1260, 31.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 0, 18) }
```

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

```
.background{ background-color: rgb(124, 0,  
18) }
```

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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