

Converting Colors

YIQ(68.3610, 121.8140, 39.0780)

Have a look what the booklet for
YIQ(68.3610, 121.8140, 39.0780)
contains.

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Color

**YIQ(68.3610, 121.8140,
39.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	D10A00
RGB	209, 10, 0
RGB Percent	82%, 4%, 0%
CMY	0.1799, 0.9609, 0.9995
CMYK	0.00, 0.95, 1.00, 0.18
HSL	3°, 100%, 41%
HSV	3°, 100%, 82%
XYZ	26.4365, 13.7882, 1.2716
YIQ	68.3610, 121.8140, 39.0780

Conversions

Conversions Part 2

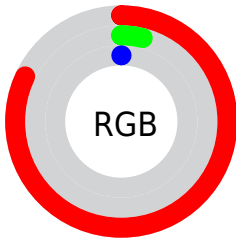
Format	Color
RYB	209, 11, 0
Decimal	13699584
CIELab	43.93, 68.07, 57.95
CIELCh	44, 89.396, 40.406
Yxy	13.7882, 0.6371, 0.3323
Android (android.graphics.Color)	4291889664 (0xFFD10A00)
YUV	68.3610, -33.7020, 123.3404
Hunter-Lab	37.1325, 62.1014, 23.9623

Details

The YIQ color **68.3610, 121.8140, 39.0780** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **140.6390, -121.8140, -39.0780**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.5300, 110.4920, 23.9960**, and **43.0560, 85.8240, 30.5280** is the 20% darker color. If you saturate the color by 10%, you get **68.3610, 121.8140, 39.0780**, and if you desaturate by 10%, it is **82.4950, 109.5730, 35.1490**.

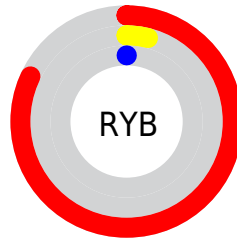
Distribution



Red (82%)

Green (4%)

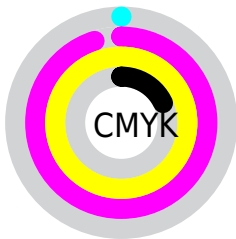
Blue (0%)



Red (82%)

Yellow (4%)

Blue (0%)

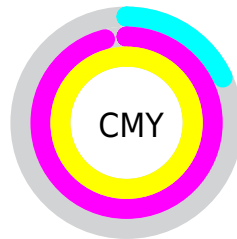


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (96%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 68.3610, 121.8140, 39.0780 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 68.3610, 121.8140, 39.0780 by changing the saturation by 10% instead.


 68.3610, 121.8140,
39.0780


 68.3610, 121.8140,
39.0780


 253.2900, 4.8150,
-4.6650


 52.9230, 105.4920,
37.5240


 134.6440,
110.1710, 24.3070


 43.0560, 85.8240,
30.5280


 154.4030, 94.4920,
16.6040


 33.4880, 66.7520,
23.7440


 174.3900, 78.1710,
9.5230

 24.4470, 47.6340,
17.7940

 194.3770, 61.8500,
2.4420

 15.4770, 29.7540,
11.4340


 214.9510, 45.2540,
-5.1620


 0.0000, 0.0000,
0.0000


 235.7530, 28.0160,


-12.1440


 250.0980, 13.8030,
-13.3730


 68.3610, 121.8140,
39.0780

 82.4950, 109.5730,
35.1490

 96.6290, 97.3320,
31.2200

 110.7630, 85.0910,
27.2910

 124.8970, 72.8500,
23.3620

 139.0310, 60.6090,
19.4330

■ 153.1650, 48.3680,
15.5040

■ 166.7120, 36.4020,
12.0980

■ 180.7320, 24.4820,
7.8580

■ 194.8660, 12.2410,
3.9290

Harmonies

Analogous

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



77.2210, 108.9700, 73.6260



68.3610, 121.8140, 39.0780



96.8820, 76.0650, -7.3830

Triad

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



68.3610, 121.8140, 39.0780



81.8960, -51.4790, -52.7510



91.7650, -110.9590, 23.0330

Complementary

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



68.3610, 121.8140, 39.0780



140.6390, -121.8140, -39.0780

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.



102.1200, -113.9370, 10.9190



68.3610, 121.8140, 39.0780



92.1900, -77.7090, -28.9170

Square

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



68.3610, 121.8140, 39.0780



72.2010, -33.8250, -64.3290



100.2840, -100.5000, -6.8360



102.8770, -10.3730, 61.3630

Rectangle

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



68.3610, 121.8140, 39.0780



97.5480, 47.0460, -26.6340



100.2840, -100.5000, -6.8360



96.5750, -113.4800, 19.1600

Sweetspot

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



68.3610, 121.8140, 39.0780



203.4850, 44.4710, 14.5430



85.5190, 59.7220, 107.1300



96.9280, 26.8660, 8.7060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



68.3610, 121.8140, 39.0780



83.2890, 148.6800, 47.7840



128.2350, 93.7640, -14.2680



97.8760, 6.2810, 1.8090



54.9280, 97.9280, 31.4320



13.4330, 23.8860, 7.6460

Inverse Universe

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



140.6390, -121.8140, -39.0780



171.7110, -148.6800, -47.7840



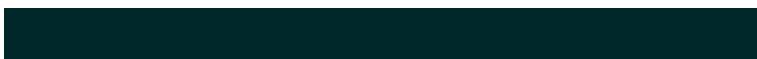
81.3520, -94.0390, 13.7450



101.1240, -6.2810, -1.8090



113.0720, -97.9280, -31.4320



27.5670, -23.8860, -7.6460

Previews

White Background



This preview shows how the YIQ color 68.3610, 121.8140, 39.0780 looks on a white background.

Color Contrast Check

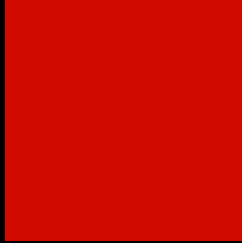
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.3610, 121.8140, 39.0780 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 68.3610, 121.8140, 39.0780

Background



This preview shows how black text looks on a background with the YIQ color 68.3610, 121.8140, 39.0780.



This preview shows how white text looks on a background with the YIQ color 68.3610, 121.8140,

39.0780.

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

68.3610, 121.8140, 39.0780

Protanopia

100.8810, 33.1070, -21.8130

Tritanopia

73.3450, 118.7430, 34.1590

Trichromacy



Original Color

68.3610, 121.8140, 39.0780

Protanomaly

89.0630, 65.6100, 0.3780

Tritanomaly

71.5840, 119.5680, 35.7280

Monochromacy



Original Color

68.3610, 121.8140, 39.0780

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

68.0720, 44.1960, 14.0200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.3610, 121.8140, 39.0780 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(209, 10, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 10, 0)  
}
```

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(209, 10, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 10, 0) }
```

Border

The CSS property to change the border of an element to YIQ 68.3610, 121.8140, 39.0780 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(209, 10, 0) }
```

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

```
.border{ border-color:rgb(209, 10, 0) }
```

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

Here you see how a box with a 4 pixel rgb(209, 10, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 10, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 10, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 10, 0)  
}
```


Background

The CSS property to change the background color of an element to YIQ 68.3610, 121.8140, 39.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 10, 0) }
```

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

```
.background{ background-color: rgb(209, 10,  
0) }
```

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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