

Converting Colors

YIQ(69.9610, 103.4700, 63.1660)

Have a look what the booklet for
YIQ(69.9610, 103.4700, 63.1660)
contains.

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Color

**YIQ(69.9610, 103.4700,
63.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	D0013F
RGB	208, 1, 63
RGB Percent	82%, 0%, 25%
CMY	0.1838, 0.9962, 0.7526
CMYK	0.00, 1.00, 0.70, 0.18
HSL	342°, 99%, 41%
HSV	342°, 100%, 82%
XYZ	26.9602, 13.8093, 5.9607
YIQ	69.9610, 103.4700, 63.1660

Conversions

Conversions Part 2

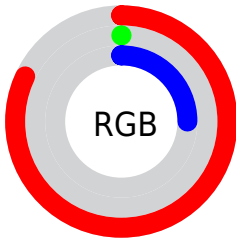
Format	Color
R_{YB}	208, 1, 63
Decimal	13631807
CIE _{Lab}	43.96, 70.08, 27.44
CIE _{LCh}	44, 75.261, 21.379
Yxy	13.8093, 0.5769, 0.2955
Android (android.graphics.Color)	4291821887 (0xFFD0013F)
YUV	69.9610, -3.4318, 121.0602
Hunter-Lab	37.1608, 64.4705, 16.5023

Details

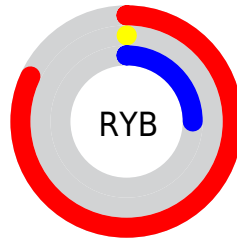
The YIQ color **69.9610, 103.4700, 63.1660** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **139.0390, -103.4700, -63.1660**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8540, 92.7450, 42.7690**, and **45.8630, 79.3580, 37.5820** is the 20% darker color. If you saturate the color by 10%, you get **69.2600, 104.0660, 63.3780**, and if you desaturate by 10%, it is **83.9980, 92.8800, 56.8480**.

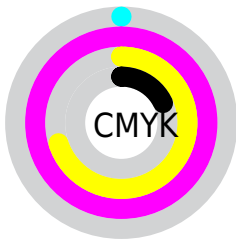
Distribution



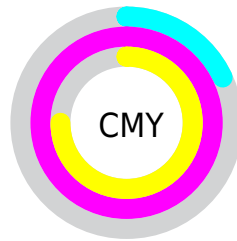
- Red (82%)
- Green (0%)
- Blue (25%)



- Red (82%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 69.9610, 103.4700, 63.1660 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 69.9610, 103.4700, 63.1660 by changing the saturation by 10% instead.


 69.9610, 103.4700,
63.1660


 69.9610, 103.4700,
63.1660


255.0000, -0.0000,
-0.0000


 57.2980, 91.7350,
50.0630


 139.8540, 92.7450,
42.7690


 45.8630, 79.3580,
37.5820


 161.0150, 75.8740,
34.6420


 34.0860, 67.9440,
24.1680


 181.0020, 59.5530,
27.5610

 25.0450, 48.8260,
18.2180

 201.1030, 42.9110,
20.7910

 16.0750, 30.9460,
11.8580

 221.9050, 25.6730,
13.8090

 0.5980, 1.1920,
0.4240

 242.7070, 8.4350,

 0.0000, 0.0000,

6.8270

0.0000

■ 69.9610, 103.4700,
63.1660

■ 69.9610, 103.4700,
63.1660

■ 69.2600, 104.0660,
63.3780

■ 83.9980, 92.8800,
56.8480

■ 97.9210, 82.6110,
50.2190

■ 111.3710, 72.2960,
44.4240

■ 125.2940, 62.0270,
37.7950

■ 139.3310, 51.4370,
31.4770

■ 153.3680, 40.8470,
25.1590

■ 167.2910, 30.5780,
18.5300

■ 180.7410, 20.2630,
12.7350

■ 194.6640, 9.9940,
6.1060

Harmonies

Analogous

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



74.9470, 80.8630, 81.9110



69.9610, 103.4700, 63.1660



92.2960, 92.9350, 6.2710

Triad

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



69.9610, 103.4700, 63.1660



73.1300, -35.0630, -63.9190



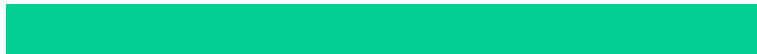
95.3720, -105.9590, 9.5050

Complementary

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



69.9610, 103.4700, 63.1660



139.0390, -103.4700, -63.1660

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.



97.5770, -99.7670, -3.5990



69.9610, 103.4700, 63.1660



84.5980, -61.8430, -41.1310

Square

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



69.9610, 103.4700, 63.1660



92.0340, 18.7140, -41.8140



93.1820, -83.2580, -21.9620



88.8360, -83.3580, 23.9220

Rectangle

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



69.9610, 103.4700, 63.1660



97.7240, 70.5180, -11.4820



93.1820, -83.2580, -21.9620



97.1500, -105.4540, 5.8580

Sweetspot

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



69.9610, 103.4700, 63.1660



204.2320, 38.2340, 22.9540



67.9530, 19.9730, 95.1170



97.2360, 23.2430, 13.7950



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.



69.9610, 103.4700, 63.1660



84.9090, 127.5840, 77.6960



86.9600, 112.0970, 22.4410



97.6310, 5.5930, 3.2650



55.9320, 84.0780, 51.1660



13.6270, 20.5840, 12.4240

Inverse Universe

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



69.9610, 103.4700, 63.1660



84.9090, 127.5840, 77.6960



122.0400, -112.0970, -22.4410



97.6310, 5.5930, 3.2650



55.9320, 84.0780, 51.1660



13.6270, 20.5840, 12.4240

Previews

White Background



This preview shows how the YIQ color 69.9610, 103.4700, 63.1660 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 69.9610, 103.4700, 63.1660 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 69.9610, 103.4700, 63.1660

Background



This preview shows how black text looks on a background with the YIQ color 69.9610, 103.4700, 63.1660.



This preview shows how white text looks on a background with the YIQ color 69.9610, 103.4700,

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

69.9610, 103.4700, 63.1660

Protanopia

106.1270, 6.8320, -2.6720

Deuteranopia

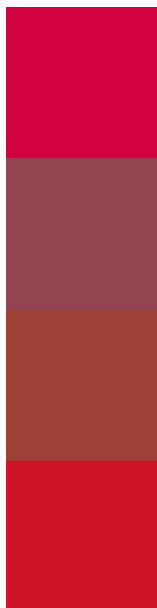
104.4980, 33.2880, -8.5680



Tritanopia

79.5490, 109.4810, 36.8170

Trichromacy



Original Color

69.9610, 103.4700, 63.1660

Protanomaly

93.0320, 41.6730, 21.2010

Deuteranomaly

92.1940, 58.5920, 17.4400

Tritanomaly

75.9760, 107.1410, 46.1890

Monochromacy



Original Color

69.9610, 103.4700, 63.1660

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9330, 37.6380, 22.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.9610, 103.4700, 63.1660 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(208, 1, 63)` looks like.

```
.text, #text, p{  
    color:rgb(208, 1, 63)  
}
```

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(208, 1, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 1, 63) }
```

Border

The CSS property to change the border of an element to YIQ 69.9610, 103.4700, 63.1660 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(208, 1, 63) }
```


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

```
.border{ border-color:rgb(208, 1, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 1, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 1, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 1, 63);  
box-shadow:4px 4px 4px 4px rgb(208, 1, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.9610, 103.4700, 63.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 1, 63) }
```

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

```
.background{ background-color: rgb(208, 1,  
63) }
```

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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