

Converting Colors

YIQ(69.2600, 104.0660, 63.3780)

Have a look what the booklet for
YIQ(69.2600, 104.0660, 63.3780)
contains.

YIQ(69.2600, 104.0660, 63.3780)	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(69.2600, 104.0660,
63.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	D0003E
RGB	208, 0, 62
RGB Percent	82%, 0%, 24%
CMY	0.1838, 0.9998, 0.7565
CMYK	0.00, 1.00, 0.70, 0.18
HSL	342°, 100%, 41%
HSV	342°, 100%, 82%
XYZ	26.9228, 13.7785, 5.8113
YIQ	69.2600, 104.0660, 63.3780

Conversions

Conversions Part 2

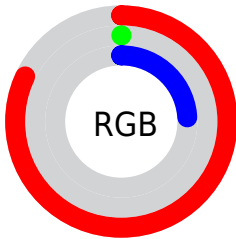
Format	Color
RYB	208, 0, 62
Decimal	13631550
CIELab	43.91, 70.12, 28.00
CIELCh	44, 75.505, 21.765
Yxy	13.7785, 0.5788, 0.2962
Android (android.graphics.Color)	4291821630 (0xFFD0003E)
YUV	69.2600, -3.5792, 121.6750
Hunter-Lab	37.1193, 64.5077, 16.7012

Details

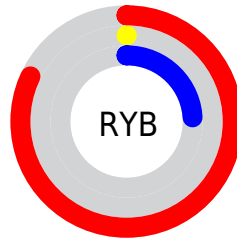
The YIQ color **69.2600, 104.0660, 63.3780** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **138.7400, -104.0660, -63.3780**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.7400, 93.0660, 42.4580**, and **45.7490, 79.6790, 37.2710** 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 **83.2970, 93.4760, 57.0600**.

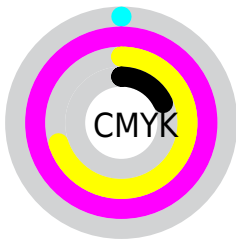
Distribution



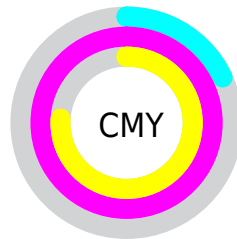
- Red (82%)
- Green (0%)
- Blue (24%)



- Red (82%)
- Yellow (0%)
- Blue (24%)



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





- Cyan (18%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 69.2600, 104.0660, 63.3780 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 69.2600, 104.0660, 63.3780 by changing the saturation by 10% instead.


 69.2600, 104.0660,
63.3780


 69.2600, 104.0660,
63.3780


255.0000, -0.0000,
-0.0000


 57.2980, 91.7350,
50.0630


 139.7400, 93.0660,
42.4580


 45.7490, 79.6790,
37.2710


 160.3140, 76.4700,
34.8540


 34.0860, 67.9440,
24.1680


 180.8880, 59.8740,
27.2500

 25.0450, 48.8260,
18.2180

 200.9890, 43.2320,
20.4800

 16.0750, 30.9460,
11.8580

 221.6770, 26.3150,
13.1870

 0.5980, 1.1920,
0.4240

 242.0060, 9.0310,

 0.0000, 0.0000,

7.0390

0.0000

■ 69.2600, 104.0660,
63.3780

■ 83.2970, 93.4760,
57.0600

■ 97.2200, 83.2070,
50.4310

■ 110.6700, 72.8920,
44.6360

■ 124.7070, 62.3020,
38.3180

■ 138.6300, 52.0330,
31.6890

■ 152.6670, 41.4430,
25.3710

■ 166.5900, 31.1740,
18.7420

■ 180.6270, 20.5840,
12.4240

■ 194.0770, 10.2690,
6.6290

Harmonies

Analogous

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



74.8330, 81.1840, 81.6000



69.2600, 104.0660, 63.3780



91.9970, 92.3390, 6.0590

Triad

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



69.2600, 104.0660, 63.3780



73.2440, -35.3840, -63.6080



94.8990, -106.0050, 10.3390

Complementary

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



69.2600, 104.0660, 63.3780



138.7400, -104.0660, -63.3780

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.



97.6910, -100.0880, -3.2880



69.2600, 104.0660, 63.3780



84.7120, -62.1640, -40.8200

Square

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



69.2600, 104.0660, 63.3780



91.7350, 18.1180, -42.0260



93.2960, -83.5790, -21.6510



89.7440, -80.1030, 25.5050

Rectangle

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



69.2600, 104.0660, 63.3780



97.4250, 69.9220, -11.6940



93.2960, -83.5790, -21.6510



97.1500, -105.4540, 5.8580

Sweetspot

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



69.2600, 104.0660, 63.3780



204.2320, 38.2340, 22.9540



67.3660, 20.2480, 95.6400



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.



69.2600, 104.0660, 63.3780



84.9090, 127.5840, 77.6960



86.8460, 112.4180, 22.1300



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.



69.2600, 104.0660, 63.3780



84.9090, 127.5840, 77.6960



121.7410, -112.6930, -22.6530



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 69.2600, 104.0660, 63.3780 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 69.2600, 104.0660, 63.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

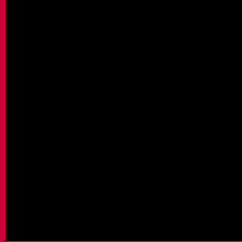
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.2600, 104.0660, 63.3780

Background



This preview shows how black text looks on a background with the YIQ color 69.2600, 104.0660, 63.3780.



This preview shows how white text looks on a background with the YIQ color 69.2600, 104.0660,

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

69.2600, 104.0660, 63.3780

Protanopia

105.8990, 7.4740, -3.2940

Deuteranopia

104.3840, 33.6090, -8.8790



Tritanopia

78.8480, 110.0770, 37.0290

Trichromacy



Original Color

69.2600, 104.0660, 63.3780

Protanomaly

92.2170, 42.5900, 21.1020

Deuteranomaly

91.4930, 59.1880, 17.6520

Tritanomaly

75.2750, 107.7370, 46.4010

Monochromacy



Original Color

69.2600, 104.0660, 63.3780

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.2320, 38.2340, 22.9540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.2600, 104.0660, 63.3780 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, 0, 62)` looks like.

```
.text, #text, p{  
    color:rgb(208, 0, 62)  
}
```

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, 0, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 0, 62) }
```

Border

The CSS property to change the border of an element to YIQ 69.2600, 104.0660, 63.3780 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, 0, 62) }
```


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

```
.border{ border-color:rgb(208, 0, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 0, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 0, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 0, 62);  
box-shadow:4px 4px 4px 4px rgb(208, 0, 62)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.2600, 104.0660, 63.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 0, 62) }
```

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

```
.background{ background-color: rgb(208, 0,  
62) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor