

Converting Colors

YIQ(69.5870, 107.4590, 62.4590)

Have a look what the booklet for
YIQ(69.5870, 107.4590, 62.4590)
contains.

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Color

**YIQ(69.5870, 107.4590,
62.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	D30039
RGB	211, 0, 57
RGB Percent	83%, 0%, 22%
CMY	0.1720, 0.9998, 0.7761
CMYK	0.00, 1.00, 0.73, 0.17
HSL	344°, 100%, 41%
HSV	344°, 100%, 83%
XYZ	27.6442, 14.1655, 5.1609
YIQ	69.5870, 107.4590, 62.4590

Conversions

Conversions Part 2

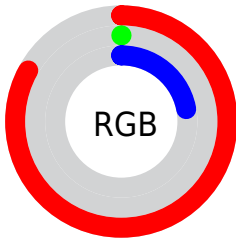
Format	Color
RYB	211, 0, 57
Decimal	13828153
CIELab	44.47, 70.63, 31.88
CIElCh	44, 77.494, 24.290
Yxy	14.1655, 0.5885, 0.3016
Android (android.graphics.Color)	4292018233 (0xFFD30039)
YUV	69.5870, -6.2054, 124.0192
Hunter-Lab	37.6371, 65.2422, 18.2160

Details

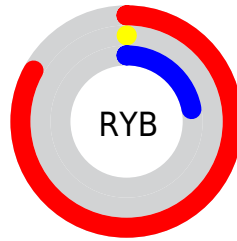
The YIQ color **69.5870, 107.4590, 62.4590** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **141.4130, -107.4590, -62.4590**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.7570, 94.3960, 40.3800**, and **45.7770, 82.4760, 36.1400** is the 20% darker color. If you saturate the color by 10%, you get **69.5870, 107.4590, 62.4590**, and if you desaturate by 10%, it is **83.7380, 96.5480, 56.4520**.

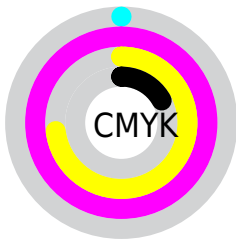
Distribution



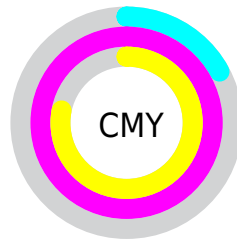
- Red (83%)
- Green (0%)
- Blue (22%)



- Red (83%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.5870, 107.4590, 62.4590 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 69.5870, 107.4590, 62.4590 by changing the saturation by 10% instead.

■ 69.5870, 107.4590,
62.4590

■ 69.5870, 107.4590,
62.4590

■ 255.0000, -0.0000,
-0.0000

■ 57.6250, 95.1280,
49.1440

■ 139.7570, 94.3960,
40.3800

■ 45.7770, 82.4760,
36.1400

■ 160.2170, 78.1210,
32.4650

■ 34.6840, 69.1360,
24.5920

■ 180.2040, 61.8000,
25.3840

■ 25.6430, 50.0180,
18.6420

■ 200.8920, 44.8830,
18.0910

■ 16.6730, 32.1380,
12.2820

■ 220.9930, 28.2410,
11.3210

■ 2.9900, 5.9600,
2.1200

■ 241.9090, 10.6820,

■ 0.0000, 0.0000,

4.6500

0.0000

■ 69.5870, 107.4590,
62.4590

■ 83.7380, 96.5480,
56.4520

■ 97.7750, 85.9580,
50.1340

■ 111.8120, 75.3680,
43.8160

■ 126.5500, 64.1820,
37.2860

■ 140.5870, 53.5920,
30.9680

■ 154.7380, 42.6810,
24.9610

■ 168.7750, 32.0910,
18.6430

■ 182.8120, 21.5010,
12.3250

■ 196.9630, 10.5900,
6.3180

Harmonies

Analogous

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



76.1710, 86.0440, 81.6280



69.5870, 107.4590, 62.4590



94.0570, 92.1100, 4.7020

Triad

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



69.5870, 107.4590, 62.4590



75.4440, -38.8230, -61.8550



96.1700, -108.2060, 11.6820

Complementary

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



69.5870, 107.4590, 62.4590



141.4130, -107.4590, -62.4590

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.



99.6630, -102.8850, -2.1570



69.5870, 107.4590, 62.4590



87.1570, -64.9150, -40.5230

Square

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



69.5870, 107.4590, 62.4590



91.7020, 13.7170, -44.8670



95.3820, -86.6970, -20.2090



96.6750, -66.4870, 32.0490

Rectangle

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



69.5870, 107.4590, 62.4590



99.4740, 68.2260, -13.9980



95.3820, -86.6970, -20.2090



98.5350, -107.9760, 7.5120

Sweetspot

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



69.5870, 107.4590, 62.4590



204.0040, 38.8760, 22.3320



69.2030, 22.2650, 97.6330



97.1220, 23.5640, 13.4840



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.



69.5870, 107.4590, 62.4590



84.1110, 129.8310, 75.5190



90.0910, 113.1060, 20.6740



97.6310, 5.5930, 3.2650



55.3620, 85.6830, 49.6110



13.5130, 20.9050, 12.1130

Inverse Universe

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



69.5870, 107.4590, 62.4590



84.1110, 129.8310, 75.5190



120.9090, -113.1060, -20.6740



97.6310, 5.5930, 3.2650



55.3620, 85.6830, 49.6110



13.5130, 20.9050, 12.1130

Previews

White Background



This preview shows how the YIQ color 69.5870, 107.4590, 62.4590 looks on a white background.

Color Contrast Check

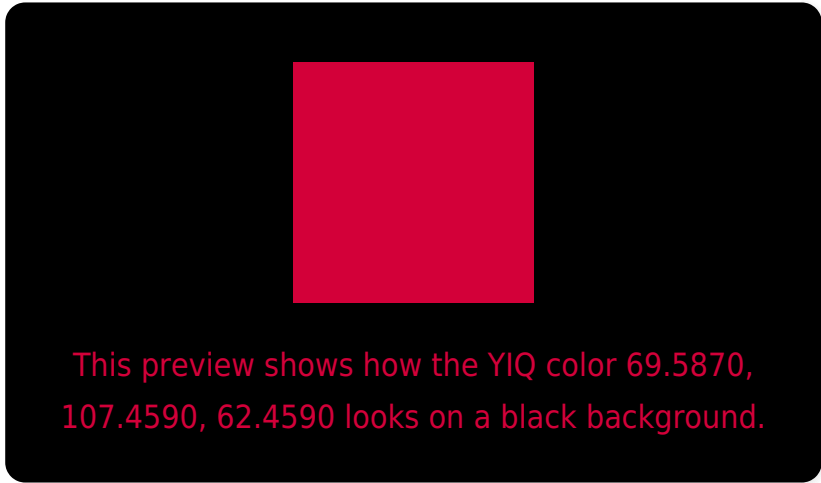
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 69.5870, 107.4590, 62.4590

Background



This preview shows how black text looks on a background with the YIQ color 69.5870, 107.4590, 62.4590.



This preview shows how white text looks on a background with the YIQ color 69.5870, 107.4590,

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

69.5870, 107.4590, 62.4590

Protanopia

106.5850, 11.2340, -5.3580

Deuteranopia

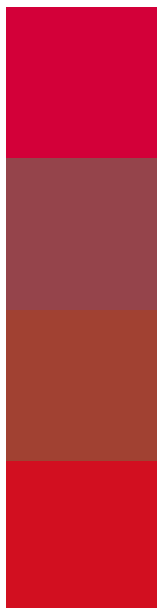
104.8850, 36.4520, -10.8440



Tritanopia

78.2290, 113.3780, 37.7780

Trichromacy



Original Color

69.5870, 107.4590, 62.4590

Protanomaly

93.0170, 46.0290, 19.3490

Deuteranomaly

91.9940, 62.0310, 15.6870

Tritanomaly

75.2430, 110.7630, 46.6270

Monochromacy



Original Color

69.5870, 107.4590, 62.4590

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0040, 38.8760, 22.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.5870, 107.4590, 62.4590 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(211, 0, 57)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 57)  
}
```

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(211, 0, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 57) }
```

Border

The CSS property to change the border of an element to YIQ 69.5870, 107.4590, 62.4590 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(211, 0, 57) }
```


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

```
.border{ border-color:rgb(211, 0, 57) }
```

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

Here you see how a box with a 4 pixel rgb(211, 0, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 57);  
box-shadow:4px 4px 4px 4px rgb(211, 0, 57)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.5870, 107.4590, 62.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 57) }
```

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

```
.background{ background-color: rgb(211, 0,  
57) }
```

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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