

Converting Colors

YIQ(69.5850, 118.9680, 57.6240)

Have a look what the booklet for
YIQ(69.5850, 118.9680, 57.6240)
contains.

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Color

**YIQ(69.5850, 118.9680,
57.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	DB0024
RGB	219, 0, 36
RGB Percent	86%, 0%, 14%
CMY	0.1406, 0.9998, 0.8584
CMYK	0.00, 1.00, 0.84, 0.14
HSL	350°, 100%, 43%
HSV	350°, 100%, 86%
XYZ	29.5753, 15.2096, 3.0551
YIQ	69.5850, 118.9680, 57.6240

Conversions

Conversions Part 2

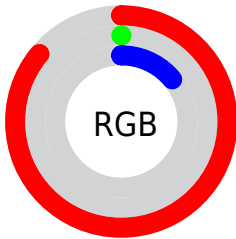
Format	Color
RYB	219, 0, 36
Decimal	14352420
CIELab	45.92, 71.92, 45.98
CIElCh	46, 85.366, 32.594
Yxy	15.2096, 0.6182, 0.3179
Android (android.graphics.Color)	4292542500 (0xFFDB0024)
YUV	69.5850, -16.5574, 131.0370
Hunter-Lab	38.9995, 67.1163, 22.6551

Details

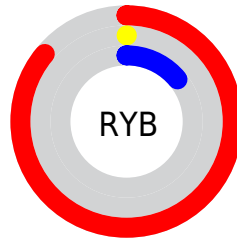
The YIQ color **69.5850, 118.9680, 57.6240** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **149.4150, -118.9680, -57.6240**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.8360, 101.1830, 33.0150**, and **46.0460, 91.7840, 32.6480** is the 20% darker color. If you saturate the color by 10%, you get **69.5850, 118.9680, 57.6240**, and if you desaturate by 10%, it is **84.5510, 107.1400, 51.7160**.

Distribution



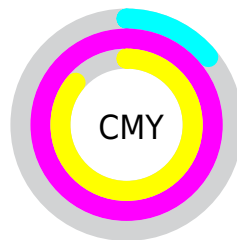
- Red (86%)
- Green (0%)
- Blue (14%)



- Red (86%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (14%)





- Cyan (14%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 69.5850, 118.9680, 57.6240 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 69.5850, 118.9680, 57.6240 by changing the saturation by 10% instead.


 69.5850, 118.9680,
57.6240


 69.5850, 118.9680,
57.6240


255.0000, -0.0000,
-0.0000


 57.2100, 106.3620,
43.7860


 137.8360,
101.1830, 33.0150


 46.0460, 91.7840,
32.6480


 158.2960, 84.9080,
25.1000


 36.4780, 72.7120,
25.8640


 178.7560, 68.6330,
17.1850

 27.4370, 53.5940,
19.9140

 198.8570, 51.9910,
10.4150

 18.5810, 35.3930,
13.8650

 219.5450, 35.0740,
3.1220

 7.2900, 13.9830,
5.3990

 240.3470, 17.8360,

 0.0000, 0.0000,

-3.8600

0.0000

■ 253.5180, 4.1730,
-4.0430

■ 69.5850, 118.9680,
57.6240

■ 84.5510, 107.1400,
51.7160

■ 99.6310, 94.9910,
46.1190

■ 114.5970, 83.1630,
40.2110

■ 129.5630, 71.3350,
34.3030

■ 144.6430, 59.1860,
28.7060

■ 159.6090, 47.3580,
22.7980

■ 173.9880, 35.8050,
17.4130

■ 189.0680, 23.6560,
11.8160

■ 204.0340, 11.8280,
5.9080

Harmonies

Analogous

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



79.9570, 101.2660, 81.0900



69.5850, 118.9680, 57.6240



99.9160, 87.8930, -1.4750

Triad

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



69.5850, 118.9680, 57.6240



81.9470, -47.4890, -58.9850



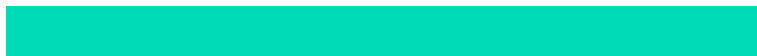
97.7490, -114.0300, 18.1140

Complementary

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



69.5850, 118.9680, 57.6240



149.4150, -118.9680, -57.6240

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.



105.0890, -112.6520, 4.1480



69.5850, 118.9680, 57.6240



93.3010, -73.9480, -36.5080

Square

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



69.5850, 118.9680, 57.6240



87.7270, -5.7670, -55.1990



101.5090, -97.0600, -14.1160



106.7270, -36.7340, 49.0100

Rectangle

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



69.5850, 118.9680, 57.6240



102.9520, 60.7080, -20.9240



101.5090, -97.0600, -14.1160



101.6300, -115.3130, 13.8310

Sweetspot

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



69.5850, 118.9680, 57.6240



203.0920, 41.4440, 19.8440



79.6830, 38.7690, 106.9050



96.5520, 25.1690, 11.9290



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.



69.5850, 118.9680, 57.6240



81.0330, 138.4980, 67.1220



108.3320, 110.4490, 8.2490



102.4030, 6.2350, 2.6430



55.0330, 93.7990, 45.6950



14.6660, 24.8480, 12.2400

Inverse Universe

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



69.5850, 118.9680, 57.6240



81.0330, 138.4980, 67.1220



110.6680, -110.4490, -8.2490



102.4030, 6.2350, 2.6430



55.0330, 93.7990, 45.6950



14.6660, 24.8480, 12.2400

Previews

White Background



This preview shows how the YIQ color 69.5850, 118.9680, 57.6240 looks on a white background.

Color Contrast Check

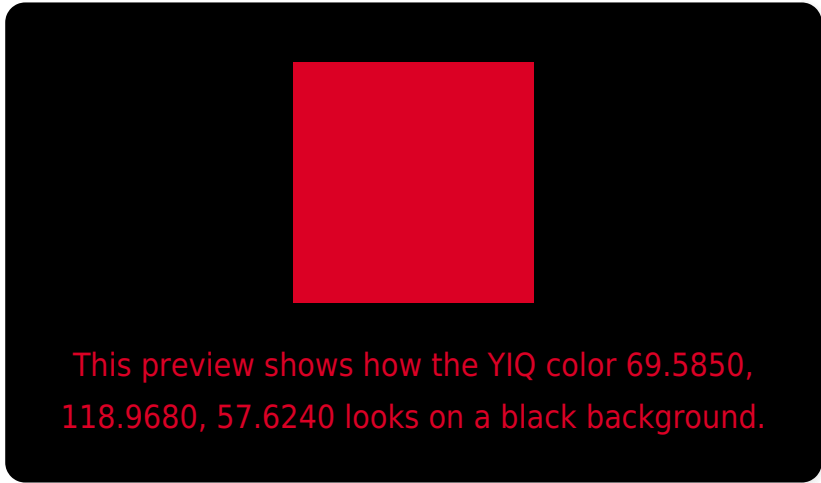
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.5850, 118.9680, 57.6240

Background



This preview shows how black text looks on a background with the YIQ color 69.5850, 118.9680, 57.6240.



This preview shows how white text looks on a background with the YIQ color 69.5850, 118.9680,

57.6240.

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

69.5850, 118.9680, 57.6240

Protanopia

108.2470, 23.5690, -14.1510

Deuteranopia

104.7490, 51.0340, -21.8140



Tritanopia

76.9220, 124.4280, 35.7560

Trichromacy



Original Color

69.5850, 118.9680, 57.6240

Protanomaly

94.3200, 57.9970, 11.7010

Deuteranomaly

92.1400, 75.8790, 7.0070

Tritanomaly

74.2950, 122.1800, 43.4600

Monochromacy



Original Color

69.5850, 118.9680, 57.6240

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1030, 42.9110, 20.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.5850, 118.9680, 57.6240 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(219, 0, 36)` looks like.

```
.text, #text, p{  
    color:rgb(219, 0, 36)  
}
```

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(219, 0, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 0, 36) }
```

Border

The CSS property to change the border of an element to YIQ 69.5850, 118.9680, 57.6240 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(219, 0, 36) }
```


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

```
.border{ border-color:rgb(219, 0, 36) }
```

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

Here you see how a box with a 4 pixel rgb(219, 0, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 0, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 0, 36);  
box-shadow:4px 4px 4px 4px rgb(219, 0, 36)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.5850, 118.9680, 57.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 0, 36) }
```

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

```
.background{ background-color: rgb(219, 0,  
36) }
```

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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