

Converting Colors

YIQ(108.8560, 107.5990,
48.9030)

Have a look what the booklet for
YIQ(108.8560, 107.5990, 48.9030)
contains.

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Color

**YIQ(108.8560, 107.5990,
48.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	F23049
RGB	242, 48, 73
RGB Percent	95%, 19%, 29%
CMY	0.0505, 0.8120, 0.7133
CMYK	0.00, 0.80, 0.70, 0.05
HSL	352°, 88%, 57%
HSV	352°, 80%, 95%
XYZ	38.9194, 21.4885, 8.4178
YIQ	108.8560, 107.5990, 48.9030

Conversions

Conversions Part 2

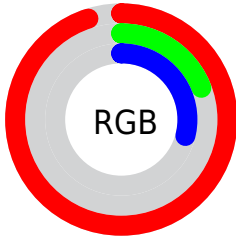
Format	Color
R_{YB}	242, 48, 73
Decimal	15872073
CIE _{Lab}	53.48, 71.81, 34.59
CIE _{LCh}	53, 79.705, 25.722
Yxy	21.4885, 0.5655, 0.3122
Android (android.graphics.Color)	4294062153 (0xFFFF23049)
YUV	108.8560, -17.6770, 116.7673
Hunter-Lab	46.3556, 68.7432, 21.6823

Details

The YIQ color **108.8560, 107.5990, 48.9030** 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 **181.1440, -107.5990, -48.9030**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4840, 81.7430, 32.9030**, and **56.3430, 95.8620, 46.8540** is the 20% darker color. If you saturate the color by 10%, you get **92.3740, 120.9400, 54.9240**, and if you desaturate by 10%, it is **125.3380, 94.2580, 42.8820**.

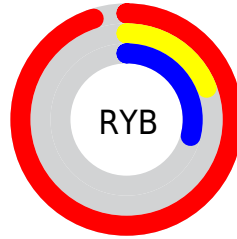
Distribution



Red (95%)

Green (19%)

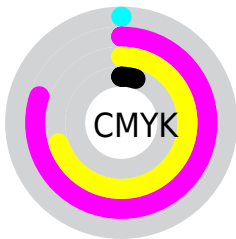
Blue (29%)



Red (95%)

Yellow (19%)

Blue (29%)

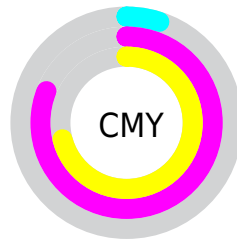


Cyan (0%)

Magenta (80%)

Yellow (70%)

Black (5%)



Cyan (5%)

Magenta (81%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.8560, 107.5990, 48.9030 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 108.8560, 107.5990, 48.9030 by changing the saturation by 10% instead.


 108.8560,
107.5990, 48.9030


 108.8560,
107.5990, 48.9030


255.0000, -0.0000,
-0.0000


 68.6040, 108.7890,
60.3810


 156.4840, 81.7430,
32.9030


 56.6420, 96.4580,
47.0660


 176.9440, 65.4680,
24.9880


 44.5660, 84.4480,
33.4400


 197.0450, 48.8260,
18.2180

 34.0860, 67.9440,
24.1680

 217.7330, 31.9090,
10.9250

 25.1590, 48.5050,
18.5290

 238.6490, 14.3500,
4.2540

 16.0750, 30.9460,
11.8580

 0.5980, 1.1920,

0.4240

■ 0.0000, 0.0000,
0.0000

■ 108.8560,
107.5990, 48.9030

■ 108.8560,
107.5990, 48.9030

■ 92.3740, 120.9400,
54.9240

■ 125.3380, 94.2580,
42.8820


■ 75.8920, 134.2810,
60.9450


■ 141.8200, 80.9170,
36.8610

■ 158.8890, 67.3010,
30.3170


■ 175.3710, 53.9600,
24.2960

■ 191.8530, 40.6190,
18.2750

 208.4490, 26.9570,
12.5650

 224.9310, 13.6160,
6.5440

 242.0000, -0.0000,
0.0000

 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



106.3300, 89.8500, 78.7300



108.8560, 107.5990, 48.9030



116.5170, 102.1980, -1.9140

Triad

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



108.8560, 107.5990, 48.9030



93.3110, -54.6860, -66.2220



111.2500, -120.3550, 6.0850

Complementary

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



108.8560, 107.5990, 48.9030



181.1440, -107.5990, -48.9030

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.



117.2850, -119.4360, -5.0680



108.8560, 107.5990, 48.9030



104.6820, -79.8150, -45.8230

Square

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



108.8560, 107.5990, 48.9030



111.7700, 19.0370, -53.1790



113.3630, -102.8810, -24.2650



123.8660, -56.5390, 38.9890

Rectangle

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



108.8560, 107.5990, 48.9030



120.7490, 77.3970, -20.5150



113.3630, -102.8810, -24.2650



114.1850, -121.7300, 3.4700

Sweetspot

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



108.8560, 107.5990, 48.9030



213.1510, 33.7880, 15.4200



120.3480, 37.8540, 95.9500



102.5190, 20.7680, 9.0880



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.



108.8560, 107.5990, 48.9030



86.9030, 135.7480, 61.8920



147.6830, 96.0990, 3.9950



111.7020, 6.8310, 2.8550



57.7520, 101.9600, 46.4720



17.5420, 31.1290, 14.0490

Inverse Universe

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



108.8560, 107.5990, 48.9030



86.9030, 135.7480, 61.8920



142.3170, -96.0990, -3.9950



111.7020, 6.8310, 2.8550



57.7520, 101.9600, 46.4720



17.5420, 31.1290, 14.0490

Previews

White Background



This preview shows how the YIQ color 108.8560, 107.5990, 48.9030 looks on a white 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

Black Background



This preview shows how the YIQ color 108.8560, 107.5990, 48.9030 looks on a black 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

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

YIQ 108.8560, 107.5990, 48.9030

Background



This preview shows how black text looks on a background with the YIQ color 108.8560, 107.5990, 48.9030.



This preview shows how white text looks on a background with the YIQ color 108.8560, 107.5990,

48.9030.

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

108.8560, 107.5990, 48.9030

Protanopia

127.4280, 13.1140, -6.3900

Deuteranopia

125.9240, 40.7160, -11.0280



Tritanopia

108.6250, 112.3230, 40.3790

Trichromacy



Original Color

108.8560, 107.5990, 48.9030

Protanomaly

120.8120, 47.8640, 13.6240

Deuteranomaly

119.8000, 65.3330, 10.9090

Tritanomaly

108.8360, 110.3510, 43.0790

Monochromacy



Original Color

108.8560, 107.5990, 48.9030

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.9560, 38.8310, 17.6390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.8560, 107.5990, 48.9030 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(242, 48, 73)` looks like.

```
.text, #text, p{  
    color:rgb(242, 48, 73)  
}
```

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(242, 48, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 48, 73) }
```

Border

The CSS property to change the border of an element to YIQ 108.8560, 107.5990, 48.9030 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(242, 48, 73) }
```


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

```
.border{ border-color:rgb(242, 48, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 48, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 48, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 48, 73);  
box-shadow:4px 4px 4px 4px rgb(242, 48,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 108.8560, 107.5990, 48.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 48, 73) }
```

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

```
.background{ background-color: rgb(242, 48,  
73) }
```

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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