

# Converting Colors

YIQ(74.0800, 103.6120, 38.5560)

Have a look what the booklet for  
YIQ(74.0800, 103.6120, 38.5560)  
contains.

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# Color

**YIQ(74.0800, 103.6120,  
38.5560)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C51519
RGB	197, 21, 25
RGB Percent	77%, 8%, 10%
CMY	0.2270, 0.9178, 0.9016
CMYK	0.00, 0.89, 0.87, 0.23
HSL	359°, 81%, 43%
HSV	359°, 89%, 77%
XYZ	23.4975, 12.4891, 2.0978
YIQ	74.0800, 103.6120, 38.5560

# Conversions

## Conversions Part 2

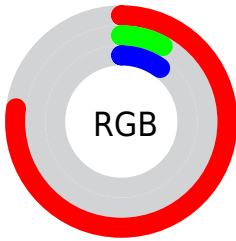
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 21, 25
Decimal	12915993
CIELab	41.98, 63.88, 46.35
CIElCh	42, 78.928, 35.966
Yxy	12.4891, 0.6170, 0.3279
Android (android.graphics.Color)	4291106073 (0xFFC51519)
YUV	74.0800, -24.1964, 107.8008
Hunter-Lab	35.3399, 56.8399, 21.2185

# Details

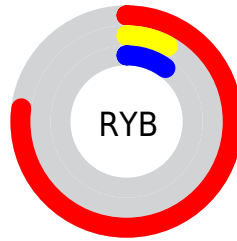
The YIQ color **74.0800, 103.6120, 38.5560** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **143.9200, -103.6120, -38.5560**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.1690, 104.4390, 29.0710**, and **39.7670, 79.2680, 28.1960** is the 20% darker color. If you saturate the color by 10%, you get **60.1740, 115.2110, 43.1070**, and if you desaturate by 10%, it is **87.9860, 92.0130, 34.0050**.

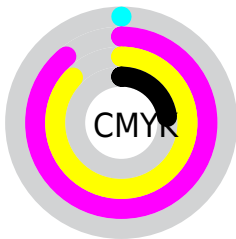
# Distribution



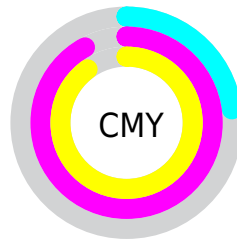
- Red (77%)
- Green (8%)
- Blue (10%)



- Red (77%)
- Yellow (8%)
- Blue (10%)



- Cyan (0%)
- Magenta (89%)
- Yellow (87%)
- Black (23%)




- Cyan (23%)
- Magenta (92%)
- Yellow (90%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 74.0800, 103.6120, 38.5560 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 74.0800, 103.6120, 38.5560 by changing the saturation by 10% instead.





 74.0800, 103.6120,  
38.5560


 74.0800, 103.6120,  
38.5560


255.0000, -0.0000,  
-0.0000


 49.5630, 97.6980,  
35.6020

 137.1690,  
104.4390, 29.0710


 40.0660, 79.8640,  
28.4080


 157.0420, 88.4390,  
21.6790


 30.4980, 60.7920,  
21.6240

 176.9150, 72.4390,  
14.2870

 22.0550, 42.8660,  
16.0980

 196.3150, 56.3930,  
7.7290

 12.6720, 24.7110,  
9.2150

 216.4160, 39.7510,  
0.9590

 0.0000, 0.0000,  
0.0000

 237.1040, 22.8340,

-6.3340

■ 252.1500, 8.0250,  
-7.7750

■ 74.0800, 103.6120,  
38.5560

■ 74.0800, 103.6120,  
38.5560

■ 60.1740, 115.2110,  
43.1070

■ 87.9860, 92.0130,  
34.0050

■ 59.4730, 115.8070,  
43.3190

■ 101.4190, 80.3680,  
30.2880

■ 115.3250, 68.7690,  
25.7370

■ 129.2310, 57.1700,  
21.1860

■ 143.1370, 45.5710,  
16.6350

■ 156.5700, 33.9260,  
12.9180

■ 170.4760, 22.3270,  
8.3670

■ 184.3820, 10.7280,  
3.8160

■ 197.7010, -0.5960,  
-0.2120

# Harmonies

## Analogous

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



72.3380, 95.3990, 71.7750



74.0800, 103.6120, 38.5560



91.8760, 76.2020, -4.3580

# Triad

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



74.0800, 103.6120, 38.5560



76.2880, -46.7110, -51.0550



87.3820, -102.7510, 17.4490

# Complementary

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



74.0800, 103.6120, 38.5560



143.9200, -103.6120, -38.5560

# 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.



95.4060, -103.2990, 5.3490



74.0800, 103.6120, 38.5560



86.0290, -70.0060, -30.8540

# Square

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



74.0800, 103.6120, 38.5560



76.4750, -13.7450, -53.7850



93.3250, -90.5500, -10.9500



98.6270, -21.8330, 48.7830



# Rectangle

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



74.0800, 103.6120, 38.5560



93.7490, 51.0340, -21.8140



93.3250, -90.5500, -10.9500



91.4910, -104.6760, 13.7880

# Sweetspot

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



74.0800, 103.6120, 38.5560



206.8590, 40.4820, 15.2500



91.8940, 44.8240, 90.7760



99.3730, 24.1150, 9.0030



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.



74.0800, 103.6120, 38.5560



76.9290, 150.0540, 55.9260



121.7580, 82.3460, -5.5740



92.6910, 5.3640, 1.9080



49.1930, 95.8640, 35.8000



10.8780, 21.1350, 7.9430



# Inverse Universe

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



74.0800, 103.6120, 38.5560



76.9290, 150.0540, 55.9260



96.2420, -82.3460, 5.5740



92.6910, 5.3640, 1.9080



49.1930, 95.8640, 35.8000



10.8780, 21.1350, 7.9430



# Previews

## White Background



This preview shows how the YIQ color 74.0800, 103.6120, 38.5560 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

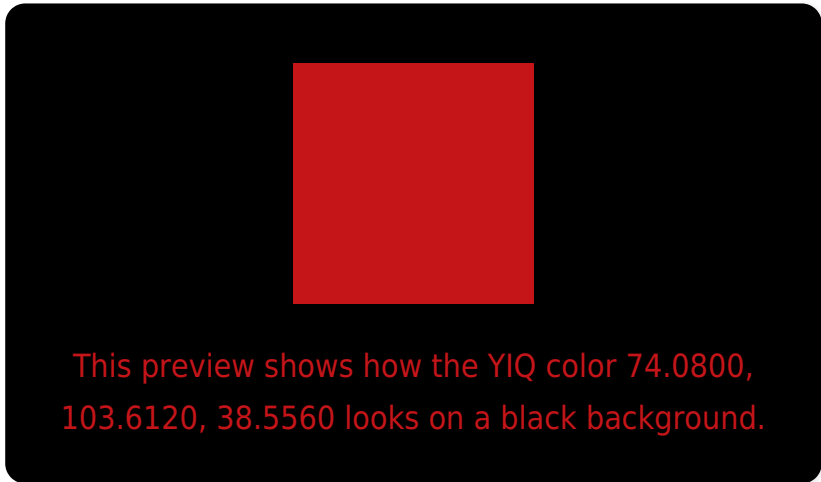
Any Text WCAG AA ✓ Pass

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 74.0800, 103.6120, 38.5560

## Background



This preview shows how black text looks on a background with the YIQ color 74.0800, 103.6120, 38.5560.



This preview shows how white text looks on a background with the YIQ color 74.0800, 103.6120,



# 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

74.0800, 103.6120, 38.5560

### Protanopia

97.5630, 25.4950, -16.0170

### Deuteranopia

93.7380, 49.5670, -22.7610



## Tritanopia

73.6410, 106.2260, 35.2340

# Trichromacy



## Original Color

74.0800, 103.6120, 38.5560

## Protanomaly

89.1250, 53.8720, 3.8560

## Deuteranomaly

86.3900, 69.0030, -0.5410

## Tritanomaly

73.9830, 105.2630, 36.1670

# Monochromacy



## Original Color

74.0800, 103.6120, 38.5560

## Achromatopsia

74.0000, -0.0000, 0.0000

## Achromatomaly

74.2500, 37.8230, 13.8790

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 74.0800, 103.6120, 38.5560 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(197, 21, 25)` looks like.

```
.text, #text, p{  
    color:rgb(197, 21, 25)  
}
```

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(197, 21, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 21, 25) }
```

## Border

The CSS property to change the border of an element to YIQ 74.0800, 103.6120, 38.5560 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(197, 21, 25) }
```



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

```
.border{ border-color:rgb(197, 21, 25) }
```

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

Here you see how a box with a 4 pixel rgb(197, 21, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 21, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 21, 25);  
box-shadow:4px 4px 4px 4px rgb(197, 21,  
25) }
```

# Background

The CSS property to change the background color of an element to YIQ 74.0800, 103.6120, 38.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 21, 25) }
```

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

```
.background{ background-color: rgb(197, 21,  
25) }
```

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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