

Converting Colors

YIQ(79.1370, 90.2700, 38.0620)

Have a look what the booklet for
YIQ(79.1370, 90.2700, 38.0620)
contains.

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Color

**YIQ(79.1370, 90.2700,
38.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	BD1E2C
RGB	189, 30, 44
RGB Percent	74%, 12%, 17%
CMY	0.2584, 0.8826, 0.8271
CMYK	0.00, 0.84, 0.77, 0.26
HSL	355°, 73%, 43%
HSV	355°, 84%, 74%
XYZ	21.9296, 11.9391, 3.5403
YIQ	79.1370, 90.2700, 38.0620

Conversions

Conversions Part 2

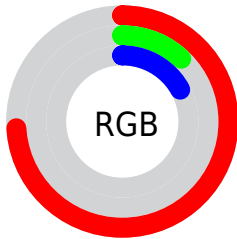
Format	Color
RYB	189, 30, 44
Decimal	12394028
CIELab	41.12, 60.46, 34.65
CIElCh	41, 69.687, 29.813
Yxy	11.9391, 0.5862, 0.3192
Android (android.graphics.Color)	4290584108 (0xFFBD1E2C)
YUV	79.1370, -17.3225, 96.3499
Hunter-Lab	34.5530, 52.8200, 18.1123

Details

The YIQ color **79.1370, 90.2700, 38.0620** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **139.8630, -90.2700, -38.0620**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1990, 95.7270, 32.7750**, and **37.9730, 75.6920, 26.9240** is the 20% darker color. If you saturate the color by 10%, you get **66.0460, 100.9520, 42.7120**, and if you desaturate by 10%, it is **92.2280, 79.5880, 33.4120**.

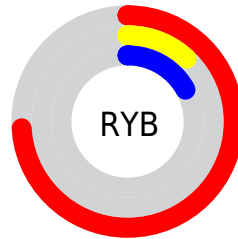
Distribution



Red (74%)

Green (12%)

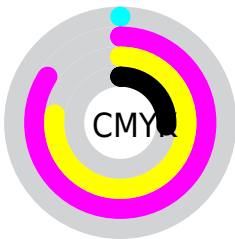
Blue (17%)



Red (74%)

Yellow (12%)

Blue (17%)

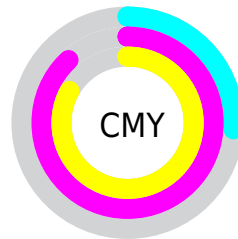


Cyan (0%)

Magenta (84%)

Yellow (77%)

Black (26%)



Cyan (26%)


Magenta (88%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.1370, 90.2700, 38.0620 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 79.1370, 90.2700, 38.0620 by changing the saturation by 10% instead.


 79.1370, 90.2700,
38.0620


 79.1370, 90.2700,
38.0620


255.0000, -0.0000,
-0.0000


 49.8640, 86.7850,
40.6490


 140.4980, 96.3230,
32.9870


 37.9730, 75.6920,
26.9240


 160.3820, 81.7900,
26.5420


 28.7040, 57.2160,
20.3520

 180.2550, 65.7900,
19.1500

 20.6740, 39.5650,
15.3490

 199.7690, 49.4230,
12.9030

 10.8780, 21.1350,
7.9430

 219.8700, 32.7810,
6.1330

 0.0000, 0.0000,
0.0000

 240.6720, 15.5430,

-0.8490

254.5440, 1.2840,
-1.2440

■ 79.1370, 90.2700,
38.0620

■ 79.1370, 90.2700,
38.0620

■ 66.0460, 100.9520,
42.7120

■ 92.2280, 79.5880,
33.4120

■ 58.4490, 107.1870,
45.3550

■ 105.4330, 68.5850,
29.0730

■ 118.5240, 57.9030,
24.4230

■ 131.6150, 47.2210,
19.7730

■ 144.1190, 36.8140,
15.6460

■ 157.2100, 26.1320,
10.9960

■ 170.4150, 15.1290,
6.6570

■ 183.5060, 4.4470,
2.0070

■ 196.5970, -6.2350,
-2.6430

Harmonies

Analogous

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



68.8080, 82.3320, 71.8040



79.1370, 90.2700, 38.0620



88.9410, 77.5770, -1.7430

Triad

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



79.1370, 90.2700, 38.0620



72.4410, -42.7680, -50.9280



85.9170, -97.2480, 11.3280

Complementary

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



79.1370, 90.2700, 38.0620



139.8630, -90.2700, -38.0620

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.



91.0230, -95.0910, -0.2350



79.1370, 90.2700, 38.0620



81.2700, -63.4950, -33.2150

Square

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



79.1370, 90.2700, 38.0620



82.8090, 6.1060, -44.5980



88.4690, -82.3880, -15.7000



96.1210, -35.4480, 36.7120

Rectangle

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



79.1370, 90.2700, 38.0620



92.0210, 56.2600, -17.4040



88.4690, -82.3880, -15.7000



88.6240, -97.9810, 8.0910

Sweetspot

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



79.1370, 90.2700, 38.0620



202.8090, 34.7510, 14.4870



90.8830, 34.1890, 79.7650



97.1060, 20.4930, 8.5650



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1370, 90.2700, 38.0620



75.7630, 138.9580, 58.7820



115.1090, 77.1640, 0.2360



87.8050, 5.0430, 2.2190



48.8380, 89.6740, 37.8500



9.6110, 17.5130, 7.5050

Inverse Universe

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



79.1370, 90.2700, 38.0620



75.7630, 138.9580, 58.7820



103.8910, -77.1640, -0.2360



87.8050, 5.0430, 2.2190



48.8380, 89.6740, 37.8500



9.6110, 17.5130, 7.5050

Previews

White Background



This preview shows how the YIQ color 79.1370, 90.2700, 38.0620 looks on a white background.

Color Contrast Check

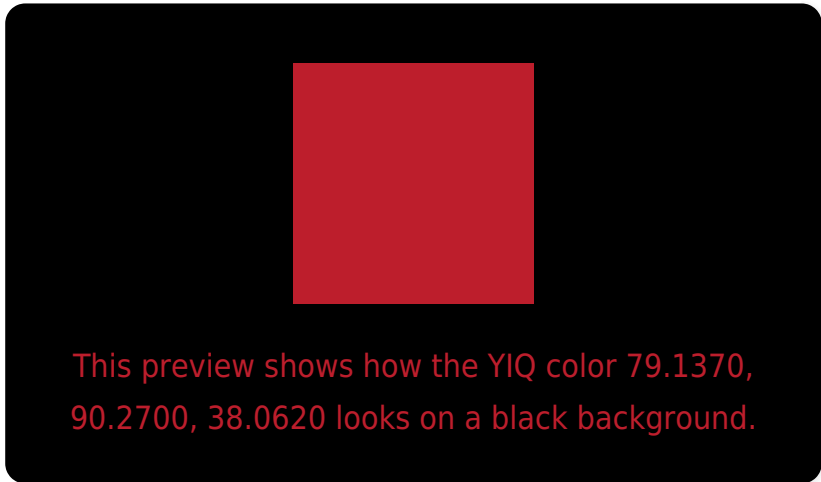
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.1370, 90.2700, 38.0620

Background



This preview shows how black text looks on a background with the YIQ color 79.1370, 90.2700, 38.0620.



This preview shows how white text looks on a background with the YIQ color 79.1370, 90.2700,

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

79.1370, 90.2700, 38.0620

Protanopia

96.8150, 16.2780, -8.6660

Deuteranopia

95.1300, 37.1400, -12.3000



Tritanopia

78.8290, 93.8930, 32.9730

Trichromacy



Original Color

79.1370, 90.2700, 38.0620

Protanomaly

90.3120, 43.2800, 8.5920

Deuteranomaly

89.2610, 56.4850, 6.0610

Tritanomaly

78.8120, 92.5630, 35.0510

Monochromacy



Original Color

79.1370, 90.2700, 38.0620

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.9120, 32.9630, 13.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.1370, 90.2700, 38.0620 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(189, 30, 44)` looks like.

```
.text, #text, p{  
    color:rgb(189, 30, 44)  
}
```

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(189, 30, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 30, 44) }
```

Border

The CSS property to change the border of an element to YIQ 79.1370, 90.2700, 38.0620 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(189, 30, 44) }
```


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

```
.border{ border-color:rgb(189, 30, 44) }
```

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

Here you see how a box with a 4 pixel rgb(189, 30, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 30, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 30, 44);  
box-shadow:4px 4px 4px 4px rgb(189, 30,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 79.1370, 90.2700, 38.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 30, 44) }
```

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

```
.background{ background-color: rgb(189, 30,  
44) }
```

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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