

Converting Colors

YIQ(77.4630, 86.2360, 34.0760)

Have a look what the booklet for
YIQ(77.4630, 86.2360, 34.0760)
contains.

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Color

**YIQ(77.4630, 86.2360,
34.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	B52028
RGB	181, 32, 40
RGB Percent	71%, 13%, 16%
CMY	0.2898, 0.8747, 0.8428
CMYK	0.00, 0.82, 0.78, 0.29
HSL	357°, 70%, 42%
HSV	357°, 82%, 71%
XYZ	19.9769, 11.0183, 3.0890
YIQ	77.4630, 86.2360, 34.0760

Conversions

Conversions Part 2

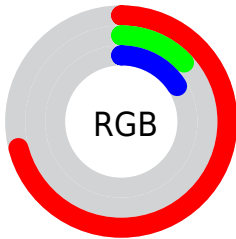
Format	Color
R_{YB}	181, 32, 40
Decimal	11870248
CIE _{Lab}	39.61, 57.58, 34.88
CIE _{LCh}	40, 67.320, 31.210
Yxy	11.0183, 0.5861, 0.3233
Android (android.graphics.Color)	4290060328 (0xFFB52028)
YUV	77.4630, -18.4693, 90.8019
Hunter-Lab	33.1938, 49.3366, 17.7182

Details

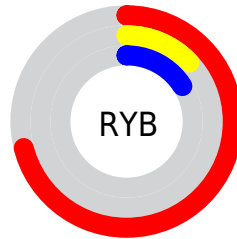
The YIQ color **77.4630, 86.2360, 34.0760** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **135.5370, -86.2360, -34.0760**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.3510, 92.2430, 29.8350**, and **35.8800, 71.5200, 25.4400** is the 20% darker color. If you saturate the color by 10%, you get **64.9590, 96.6430, 38.2030**, and if you desaturate by 10%, it is **89.9670, 75.8290, 29.9490**.

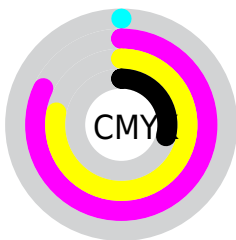
Distribution



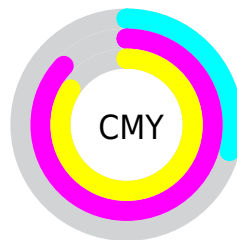
- Red (71%)
- Green (13%)
- Blue (16%)



- Red (71%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (78%)
- Black (29%)



- Cyan (29%)
- Magenta (87%)
- Yellow (84%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.4630, 86.2360, 34.0760 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 77.4630, 86.2360, 34.0760 by changing the saturation by 10% instead.

■ 77.4630, 86.2360,
34.0760

■ 77.4630, 86.2360,
34.0760

255.0000, -0.0000,
-0.0000

■ 47.0160, 83.3010,
37.7090

■ 137.3510, 92.2430,
29.8350

■ 35.8800, 71.5200,
25.4400

■ 159.8120, 83.3950,
24.9870

■ 26.6110, 53.0440,
18.8680

■ 179.2120, 67.3490,
18.4290

■ 18.8800, 35.9890,
14.0770

■ 198.6120, 51.3030,
11.8710

■ 7.8880, 15.1750,
5.8230

■ 218.7130, 34.6610,
5.1010

■ 0.0000, 0.0000,
0.0000

■ 238.9280, 17.6980,

-1.3580

253.9740, 2.8890,
-2.7990

77.4630, 86.2360,
34.0760

77.4630, 86.2360,
34.0760

64.9590, 96.6430,
38.2030

89.9670, 75.8290,
29.9490

55.2590, 104.6660,
41.4820

102.4710, 65.4220,
25.8220

114.9750, 55.0150,
21.6950

127.5930, 44.2870,
17.8790

140.0970, 33.8800,
13.7520

■ 153.1880, 23.1980,
9.1020

■ 165.6920, 12.7910,
4.9750

■ 178.1960, 2.3840,
0.8480

■ 190.7000, -8.0230,
-3.2790

Harmonies

Analogous

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



66.0310, 80.0860, 68.4540



77.4630, 86.2360, 34.0760



85.9620, 73.0840, -2.9160

Triad

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



77.4630, 86.2360, 34.0760



70.3210, -42.3100, -48.2140



82.0700, -93.3050, 11.4550

Complementary

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



77.4630, 86.2360, 34.0760



135.5370, -86.2360, -34.0760

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.



87.4040, -91.7900, 0.5140



77.4630, 86.2360, 34.0760



78.8080, -62.0740, -31.4340

Square

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



77.4630, 86.2360, 34.0760



78.6670, 3.6300, -43.7780



85.0780, -79.7290, -14.3290



92.7580, -29.9920, 36.9520

Rectangle

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



77.4630, 86.2360, 34.0760



88.1670, 52.9130, -17.3190



85.0780, -79.7290, -14.3290



84.7770, -94.0380, 8.2180

Sweetspot

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



77.4630, 86.2360, 34.0760



193.9830, 34.2010, 13.4410



90.5470, 35.0150, 75.8070



92.6930, 20.2180, 8.0420



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



77.4630, 86.2360, 34.0760



73.1490, 134.6950, 53.4390



114.7060, 70.9290, -2.4070



85.6910, 5.3640, 1.9080



47.5560, 90.4080, 35.5600



8.6000, 16.0460, 6.5580

Inverse Universe

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



77.4630, 86.2360, 34.0760



73.1490, 134.6950, 53.4390



98.2940, -70.9290, 2.4070



85.6910, 5.3640, 1.9080



47.5560, 90.4080, 35.5600



8.6000, 16.0460, 6.5580

Previews

White Background



This preview shows how the YIQ color 77.4630, 86.2360, 34.0760 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



This preview shows how the YIQ color 77.4630, 86.2360, 34.0760 looks on a 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 77.4630, 86.2360, 34.0760

Background



This preview shows how black text looks on a background with the YIQ color 77.4630, 86.2360, 34.0760.



This preview shows how white text looks on a background with the YIQ color 77.4630, 86.2360,

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

77.4630, 86.2360, 34.0760

Protanopia

93.1740, 16.6450, -9.8110

Deuteranopia

91.7170, 36.8650, -12.8230



Tritanopia

77.2520, 88.2080, 31.3760

Trichromacy



Original Color

77.4630, 86.2360, 34.0760

Protanomaly

87.2470, 41.9050, 5.9770

Deuteranomaly

86.7230, 55.0640, 4.2800

Tritanomaly

77.5940, 87.2450, 32.3090

Monochromacy



Original Color

77.4630, 86.2360, 34.0760

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.4880, 31.2210, 12.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.4630, 86.2360, 34.0760 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(181, 32, 40)` looks like.

```
.text, #text, p{  
    color:rgb(181, 32, 40)  
}
```

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(181, 32, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 32, 40) }
```

Border

The CSS property to change the border of an element to YIQ 77.4630, 86.2360, 34.0760 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(181, 32, 40) }
```


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

```
.border{ border-color:rgb(181, 32, 40) }
```

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

Here you see how a box with a 4 pixel rgb(181, 32, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 32, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 32, 40);  
box-shadow:4px 4px 4px 4px rgb(181, 32,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 77.4630, 86.2360, 34.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 32, 40) }
```

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

```
.background{ background-color: rgb(181, 32,  
40) }
```

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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