

Converting Colors

YIQ(75.3450, 92.3800, 32.8600)

Have a look what the booklet for
YIQ(75.3450, 92.3800, 32.8600)
contains.

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Color

**YIQ(75.3450, 92.3800,
32.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	B81D1D
RGB	184, 29, 29
RGB Percent	72%, 11%, 11%
CMY	0.2781, 0.8865, 0.8859
CMYK	0.00, 0.84, 0.84, 0.28
HSL	360°, 73%, 42%
HSV	360°, 84%, 72%
XYZ	20.4504, 11.1667, 2.2460
YIQ	75.3450, 92.3800, 32.8600

Conversions

Conversions Part 2

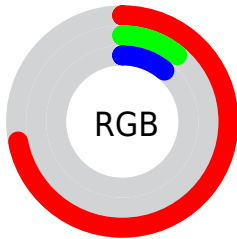
Format	Color
RYB	184, 29, 29
Decimal	12066077
CIELab	39.86, 58.84, 41.46
CIElCh	40, 71.976, 35.171
Yxy	11.1667, 0.6039, 0.3298
Android (android.graphics.Color)	4290256157 (0xFFB81D1D)
YUV	75.3450, -22.8481, 95.2904
Hunter-Lab	33.4166, 50.7601, 19.4066

Details

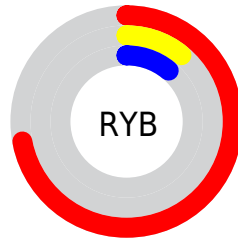
The YIQ color **75.3450, 92.3800, 32.8600** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **137.6550, -92.3800, -32.8600**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.1190, 98.7080, 28.3080**, and **36.4780, 72.7120, 25.8640** is the 20% darker color. If you saturate the color by 10%, you get **62.7270, 103.1080, 36.6760**, and if you desaturate by 10%, it is **87.9630, 81.6520, 29.0440**.

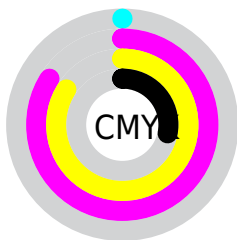
Distribution



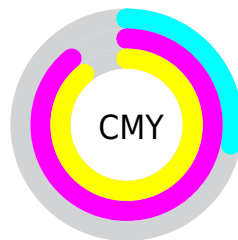
- Red (72%)
- Green (11%)
- Blue (11%)



- Red (72%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (84%)
- Yellow (84%)
- Black (28%)





- Cyan (28%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 75.3450, 92.3800, 32.8600 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 75.3450, 92.3800, 32.8600 by changing the saturation by 10% instead.


 75.3450, 92.3800,
32.8600


 75.3450, 92.3800,
32.8600


255.0000, -0.0000,
-0.0000


 46.4310, 89.2620,
34.3020


 136.1190, 98.7080,
28.3080


 36.4780, 72.7120,
25.8640


 157.3840, 87.4760,
22.6120


 27.2090, 54.2360,
19.2920

 177.2570, 71.4760,
15.2200

 19.4780, 37.1810,
14.5010

 196.6570, 55.4300,
8.6620

 8.7850, 16.9630,
6.4590

 216.7580, 38.7880,
1.8920

 0.0000, 0.0000,
0.0000

 236.9730, 21.8250,

-4.5670

■ 252.4920, 7.0620,
-6.8420

■ 75.3450, 92.3800,
32.8600

■ 75.3450, 92.3800,
32.8600

■ 62.7270, 103.1080,
36.6760

■ 87.9630, 81.6520,
29.0440

■ 55.0160, 109.6640,
39.0080

■ 101.2820, 70.3280,
25.0160

■ 113.9000, 59.6000,
21.2000

■ 127.2190, 48.2760,
17.1720

■ 139.8370, 37.5480,
13.3560

■ 152.4550, 26.8200,
9.5400

■ 165.7740, 15.4960,
5.5120

■ 178.3920, 4.7680,
1.6960

■ 191.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



67.6250, 87.1010, 67.9730



75.3450, 92.3800, 32.8600



87.4240, 71.6630, -4.6970

Triad

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



75.3450, 92.3800, 32.8600



72.0650, -44.4650, -47.7050



82.3950, -95.5980, 14.4660

Complementary

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



75.3450, 92.3800, 32.8600



137.6550, -92.3800, -32.8600

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.



89.3590, -95.9170, 3.7230



75.3450, 92.3800, 32.8600



81.0080, -65.5130, -29.6810

Square

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



75.3450, 92.3800, 32.8600



75.0570, -6.4560, -48.2160



87.6200, -84.1310, -11.6430



94.2370, -20.9150, 43.1570

Rectangle

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



75.3450, 92.3800, 32.8600



88.4330, 49.1080, -19.9480



87.6200, -84.1310, -11.6430



85.9170, -97.2480, 11.3280

Sweetspot

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



75.3450, 92.3800, 32.8600



197.9400, 35.7600, 12.7200



92.4170, 41.4330, 80.6410



94.7640, 21.4560, 7.6320



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



75.3450, 92.3800, 32.8600



71.7600, 143.0400, 50.8800



119.3700, 71.7550, -6.3650



85.6910, 5.3640, 1.9080



46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Inverse Universe

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



75.3450, 92.3800, 32.8600



71.7600, 143.0400, 50.8800



93.6300, -71.7550, 6.3650



85.6910, 5.3640, 1.9080



46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Previews

White Background



This preview shows how the YIQ color 75.3450, 92.3800, 32.8600 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 75.3450, 92.3800, 32.8600

Background



This preview shows how black text looks on a background with the YIQ color 75.3450, 92.3800, 32.8600.



This preview shows how white text looks on a background with the YIQ color 75.3450, 92.3800,

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

75.3450, 92.3800, 32.8600

Protanopia

92.5890, 22.6060, -13.2180

Deuteranopia

89.5790, 45.7610, -19.8630



Tritanopia

75.1170, 93.0220, 32.2380

Trichromacy



Original Color

75.3450, 92.3800, 32.8600

Protanomaly

86.1890, 47.8200, 3.4040

Deuteranomaly

84.5680, 62.6300, -0.6820

Tritanomaly

75.2310, 92.7010, 32.5490

Monochromacy



Original Color

75.3450, 92.3800, 32.8600

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.0430, 33.9720, 12.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.3450, 92.3800, 32.8600 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(184, 29, 29)` looks like.

```
.text, #text, p{  
    color:rgb(184, 29, 29)  
}
```

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(184, 29, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 29, 29) }
```

Border

The CSS property to change the border of an element to YIQ 75.3450, 92.3800, 32.8600 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(184, 29, 29) }
```


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

```
.border{ border-color:rgb(184, 29, 29) }
```

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

Here you see how a box with a 4 pixel rgb(184, 29, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 29, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 29, 29);  
box-shadow:4px 4px 4px 4px rgb(184, 29,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 75.3450, 92.3800, 32.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 29, 29) }
```

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

```
.background{ background-color: rgb(184, 29,  
29) }
```

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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