

Converting Colors

YIQ(73.2070, 110.4440, 35.8840)

Have a look what the booklet for
YIQ(73.2070, 110.4440, 35.8840)
contains.

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Color

**YIQ(73.2070, 110.4440,
35.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	C9140C
RGB	201, 20, 12
RGB Percent	79%, 8%, 5%
CMY	0.2113, 0.9218, 0.9525
CMYK	0.00, 0.90, 0.94, 0.21
HSL	2°, 89%, 42%
HSV	2°, 94%, 79%
XYZ	24.4325, 12.9570, 1.5647
YIQ	73.2070, 110.4440, 35.8840

Conversions

Conversions Part 2

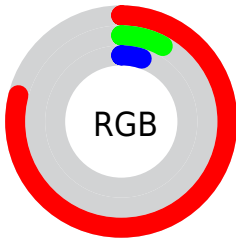
Format	Color
RYB	201, 20, 12
Decimal	13177868
CIELab	42.70, 64.91, 52.58
CIElCh	43, 83.531, 39.011
Yxy	12.9570, 0.6272, 0.3326
Android (android.graphics.Color)	4291367948 (0xFFC9140C)
YUV	73.2070, -30.1751, 112.0745
Hunter-Lab	35.9958, 58.1655, 22.6198

Details

The YIQ color **73.2070, 110.4440, 35.8840** 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 **139.7930, -110.4440, -35.8840**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.0290, 107.6490, 25.9610**, and **40.9630, 81.6520, 29.0440** is the 20% darker color. If you saturate the color by 10%, you get **64.7950, 117.5960, 38.4280**, and if you desaturate by 10%, it is **86.6400, 98.7990, 32.1670**.

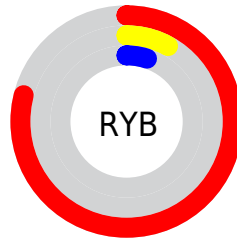
Distribution



Red (79%)

Green (8%)

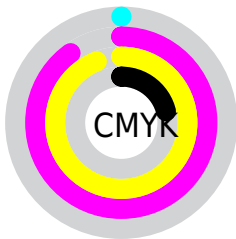
Blue (5%)



Red (79%)

Yellow (8%)

Blue (5%)

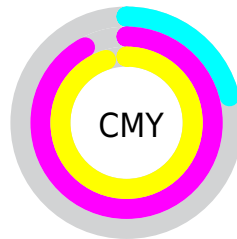


Cyan (0%)

Magenta (90%)

Yellow (94%)

Black (21%)



Cyan (21%)


Magenta (92%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 73.2070, 110.4440, 35.8840 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 73.2070, 110.4440, 35.8840 by changing the saturation by 10% instead.


 73.2070, 110.4440,
35.8840


 73.2070, 110.4440,
35.8840


 254.2020, 2.2470,
-2.1770

 50.5310, 100.7240,
35.8280


 136.0290,
107.6490, 25.9610


 40.9630, 81.6520,
29.0440


 155.9020, 91.6490,
18.5690


 31.3950, 62.5800,
22.2600


 175.7750, 75.6490,
11.1770

 22.6530, 44.0580,
16.5220

 195.7620, 59.3280,
4.0960

 13.5690, 26.4990,
9.8510


 215.7490, 43.0070,
-2.9850


 0.0000, 0.0000,
0.0000


 236.5510, 25.7690,


-9.9670

 250.8960, 11.5560,
-11.1960


 73.2070, 110.4440,
35.8840

 73.2070, 110.4440,
35.8840


 64.7950, 117.5960,
38.4280

 86.6400, 98.7990,
32.1670

 100.6600, 86.8790,
27.9270

 114.0930, 75.2340,
24.2100

 127.6400, 63.2680,
20.8040

 141.0730, 51.6230,
17.0870

■ 155.0930, 39.7030,
12.8470

■ 168.5260, 28.0580,
9.1300

■ 181.9590, 16.4130,
5.4130

■ 195.3920, 4.7680,
1.6960

Harmonies

Analogous

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



74.1600, 101.7720, 71.9160



73.2070, 110.4440, 35.8840



94.2240, 75.1020, -6.4500

Triad

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



73.2070, 110.4440, 35.8840



78.7330, -49.4620, -50.7580



88.4080, -105.6400, 20.2480

Complementary

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



73.2070, 110.4440, 35.8840



139.7930, -110.4440, -35.8840

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.



98.0620, -108.0220, 8.3460



73.2070, 110.4440, 35.8840



88.9300, -74.0410, -29.3130

Square

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



73.2070, 110.4440, 35.8840



69.8530, -32.7250, -62.2370



96.4540, -95.2270, -8.7870



100.9210, -13.6730, 55.0870

Rectangle

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



73.2070, 110.4440, 35.8840



94.9010, 47.5500, -24.7540



96.4540, -95.2270, -8.7870



93.3320, -108.4820, 16.6860

Sweetspot

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



73.2070, 110.4440, 35.8840



206.9900, 41.4910, 13.4830



89.3730, 53.9010, 96.9810



98.3300, 25.6740, 8.2820



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.



73.2070, 110.4440, 35.8840



82.7020, 148.9550, 48.3070



127.7980, 84.8690, -12.7550



92.6910, 5.3640, 1.9080



52.8460, 95.2230, 30.8950



11.3510, 21.1810, 7.1090

Inverse Universe

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



139.7930, -110.4440, -35.8840



172.2980, -148.9550, -48.3070



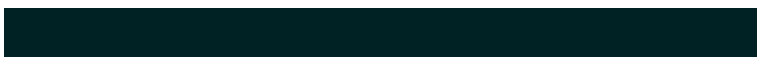
85.2020, -84.8690, 12.7550



96.3090, -5.3640, -1.9080



110.1540, -95.2230, -30.8950



24.0620, -20.9060, -6.5860

Previews

White Background



This preview shows how the YIQ color 73.2070, 110.4440, 35.8840 looks on a white background.

Color Contrast Check

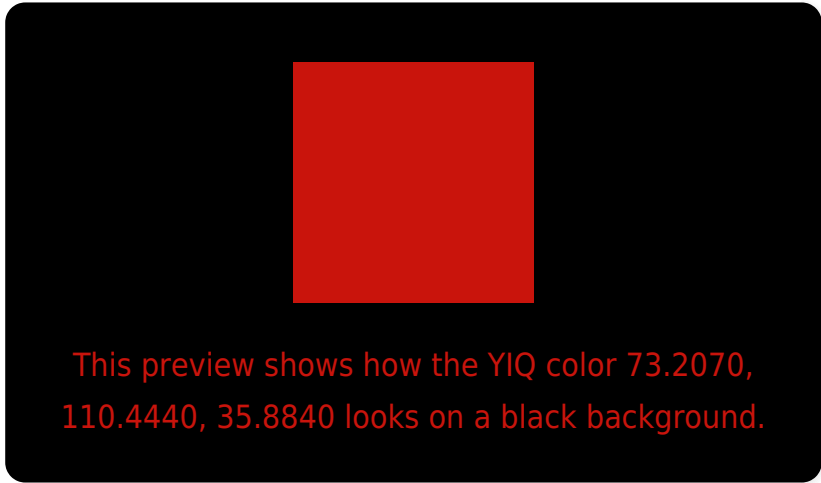
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.2070, 110.4440, 35.8840

Background



This preview shows how black text looks on a background with the YIQ color 73.2070, 110.4440, 35.8840.



This preview shows how white text looks on a background with the YIQ color 73.2070, 110.4440,

35.8840.

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

73.2070, 110.4440, 35.8840

Protanopia

98.2660, 30.5850, -20.1590

Deuteranopia

95.5100, 50.2090, -23.3830



Tritanopia

73.0930, 110.7650, 35.5730

Trichromacy



Original Color

73.2070, 110.4440, 35.8840

Protanomaly

89.1270, 59.5580, -0.0740

Deuteranomaly

87.3040, 72.1210, -1.9830

Tritanomaly

73.0930, 110.7650, 35.5730

Monochromacy



Original Color

73.2070, 110.4440, 35.8840

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.3920, 40.2990, 13.0590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.2070, 110.4440, 35.8840 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(201, 20, 12)` looks like.

```
.text, #text, p{  
    color:rgb(201, 20, 12)  
}
```

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(201, 20, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 20, 12) }
```

Border

The CSS property to change the border of an element to YIQ 73.2070, 110.4440, 35.8840 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(201, 20, 12) }
```


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

```
.border{ border-color:rgb(201, 20, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 20, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 20, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 20, 12);  
box-shadow:4px 4px 4px 4px rgb(201, 20,  
12) }
```

Background

The CSS property to change the background color of an element to YIQ 73.2070, 110.4440, 35.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 20, 12) }
```

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

```
.background{ background-color: rgb(201, 20,  
12) }
```

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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