

Converting Colors

YIQ(73.4420, 99.8970, 45.3130)

Have a look what the booklet for
YIQ(73.4420, 99.8970, 45.3130)
contains.

YIQ(73.4420, 99.8970, 45.3130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(73.4420, 99.8970,
45.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	C51128
RGB	197, 17, 40
RGB Percent	77%, 7%, 16%
CMY	0.2270, 0.9335, 0.8428
CMYK	0.00, 0.91, 0.80, 0.23
HSL	352°, 84%, 42%
HSV	352°, 91%, 77%
XYZ	23.6395, 12.4380, 3.1709
YIQ	73.4420, 99.8970, 45.3130

Conversions

Conversions Part 2

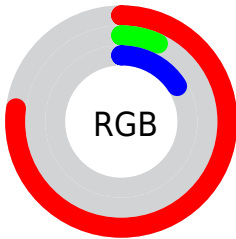
Format	Color
RYB	197, 17, 40
Decimal	12914984
CIELab	41.90, 64.85, 38.30
CIElCh	42, 75.319, 30.566
Yxy	12.4380, 0.6023, 0.3169
Android (android.graphics.Color)	4291105064 (0xFFC51128)
YUV	73.4420, -16.4869, 108.3604
Hunter-Lab	35.2675, 57.9286, 19.3564

Details

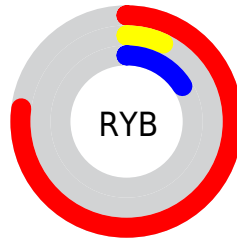
The YIQ color **73.4420, 99.8970, 45.3130** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **140.5580, -99.8970, -45.3130**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2920, 99.8990, 34.2590**, and **40.0660, 79.8640, 28.4080** is the 20% darker color. If you saturate the color by 10%, you get **61.7530, 109.3870, 49.5390**, and if you desaturate by 10%, it is **87.1200, 88.9400, 40.1400**.

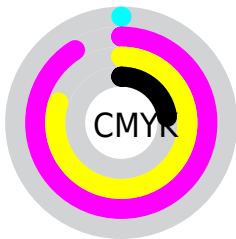
Distribution



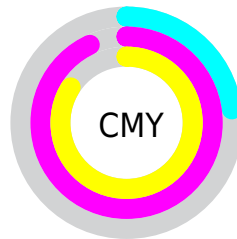
- Red (77%)
- Green (7%)
- Blue (16%)



- Red (77%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (91%)
- Yellow (80%)
- Black (23%)



- Cyan (23%)
- Magenta (93%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.4420, 99.8970, 45.3130 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 73.4420, 99.8970, 45.3130 by changing the saturation by 10% instead.

■ 73.4420, 99.8970,
45.3130

■ 73.4420, 99.8970,
45.3130

255.0000, -0.0000,
-0.0000

■ 51.5010, 92.2410,
40.8890

■ 138.2920, 99.8990,
34.2590

■ 40.0660, 79.8640,
28.4080

■ 158.0510, 84.2200,
26.5560

■ 30.7970, 61.3880,
21.8360

■ 178.0380, 67.8990,
19.4750

■ 22.1690, 42.5450,
16.4090

■ 198.0250, 51.5780,
12.3940

■ 12.9710, 25.3070,
9.4270

■ 218.1260, 34.9360,
5.6240

■ 0.0000, 0.0000,
0.0000

■ 238.3410, 17.9730,

-0.8350

253.9740, 2.8890,
-2.7990

73.4420, 99.8970,
45.3130

73.4420, 99.8970,
45.3130

61.7530, 109.3870,
49.5390

87.1200, 88.9400,
40.1400

100.2110, 78.2580,
35.4900

114.0030, 66.9800,
30.6280

127.6810, 56.0230,
25.4550

141.3590, 45.0660,
20.2820

■ 154.4500, 34.3840,
15.6320

■ 168.1280, 23.4270,
10.4590

■ 181.9200, 12.1490,
5.5970

■ 195.0110, 1.4670,
0.9470

Harmonies

Analogous

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



71.9120, 87.9710, 74.2350



73.4420, 99.8970, 45.3130



90.4360, 80.5570, -0.6830

Triad

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



73.4420, 99.8970, 45.3130



73.8600, -42.6300, -53.4300



88.4590, -101.6500, 14.0140

Complementary

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



73.4420, 99.8970, 45.3130



140.5580, -99.8970, -45.3130

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.



94.1520, -99.7680, 1.9280



73.4420, 99.8970, 45.3130



83.9600, -65.5580, -34.3740

Square

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



73.4420, 99.8970, 45.3130



82.7760, 1.7050, -47.4390



91.1420, -85.7810, -14.7810



96.8590, -37.4660, 40.2460

Rectangle

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



73.4420, 99.8970, 45.3130



93.2060, 57.1770, -17.5030



91.1420, -85.7810, -14.7810



91.7530, -102.6580, 10.2540

Sweetspot

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



73.4420, 99.8970, 45.3130



207.6570, 38.2350, 17.4270



84.1640, 35.1960, 89.0520



99.8290, 22.8310, 10.2470



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.



73.4420, 99.8970, 45.3130



80.0070, 141.3870, 64.3230



109.5620, 89.1300, 3.6420



92.8050, 5.0430, 2.2190



51.1310, 90.4070, 41.0870



11.3340, 19.8510, 9.1870

Inverse Universe

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



73.4420, 99.8970, 45.3130



80.0070, 141.3870, 64.3230



104.4380, -89.1300, -3.6420



92.8050, 5.0430, 2.2190



51.1310, 90.4070, 41.0870



11.3340, 19.8510, 9.1870

Previews

White Background



This preview shows how the YIQ color 73.4420, 99.8970, 45.3130 looks on a white background.

Color Contrast Check

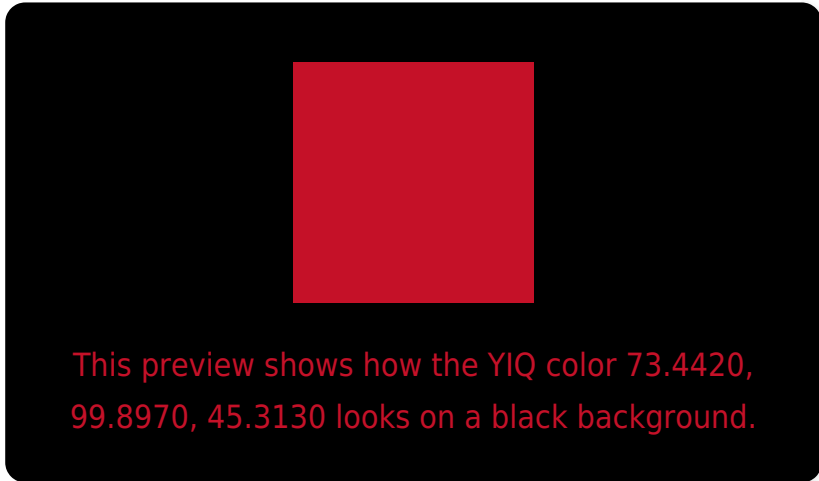
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.4420, 99.8970, 45.3130

Background



This preview shows how black text looks on a background with the YIQ color 73.4420, 99.8970, 45.3130.



This preview shows how white text looks on a background with the YIQ color 73.4420, 99.8970,

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

73.4420, 99.8970, 45.3130

Protanopia

99.1310, 18.2040, -10.5320

Deuteranopia

96.4030, 40.6250, -14.8870



Tritanopia

73.7550, 105.9050, 35.5450

Trichromacy



Original Color

73.4420, 99.8970, 45.3130

Protanomaly

89.5900, 48.3690, 9.9770

Deuteranomaly

88.3110, 62.2160, 6.8240

Tritanomaly

73.4930, 103.8870, 39.0790

Monochromacy



Original Color

73.4420, 99.8970, 45.3130

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.3470, 36.1720, 16.2680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.4420, 99.8970, 45.3130 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, 17, 40)` looks like.

```
.text, #text, p{  
  color:rgb(197, 17, 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(197, 17, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 17, 40) }
```

Border

The CSS property to change the border of an element to YIQ 73.4420, 99.8970, 45.3130 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, 17, 40) }
```


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

```
.border{ border-color:rgb(197, 17, 40) }
```

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

Here you see how a box with a 4 pixel rgb(197, 17, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 17, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 17, 40);  
box-shadow:4px 4px 4px 4px rgb(197, 17,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 73.4420, 99.8970, 45.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 17, 40) }
```

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

```
.background{ background-color: rgb(197, 17,  
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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