

Converting Colors

YIQ(73.5430, 109.6180, 39.8420)

Have a look what the booklet for
YIQ(73.5430, 109.6180, 39.8420)
contains.

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Color

**YIQ(73.5430, 109.6180,
39.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	CB1214
RGB	203, 18, 20
RGB Percent	80%, 7%, 8%
CMY	0.2035, 0.9296, 0.9211
CMYK	0.00, 0.91, 0.90, 0.20
HSL	359°, 84%, 43%
HSV	359°, 91%, 80%
XYZ	25.0016, 13.1933, 1.8958
YIQ	73.5430, 109.6180, 39.8420

Conversions

Conversions Part 2

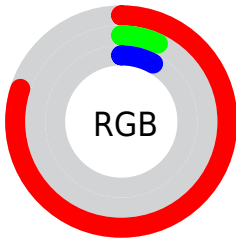
Format	Color
RYB	203, 18, 20
Decimal	13308436
CIELab	43.05, 65.83, 49.98
CIElCh	43, 82.650, 37.207
Yxy	13.1933, 0.6236, 0.3291
Android (android.graphics.Color)	4291498516 (0xFFCB1214)
YUV	73.5430, -26.3967, 113.5338
Hunter-Lab	36.3226, 59.3005, 22.3312

Details

The YIQ color **73.5430, 109.6180, 39.8420** 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 **147.4570, -109.6180, -39.8420**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7130, 105.7230, 27.8270**, and **41.5610, 82.8440, 29.4680** is the 20% darker color. If you saturate the color by 10%, you get **60.9250, 120.3460, 43.6580**, and if you desaturate by 10%, it is **87.5630, 97.6980, 35.6020**.

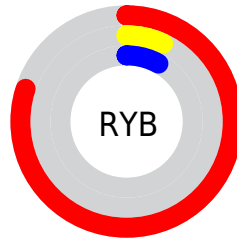
Distribution



Red (80%)

Green (7%)

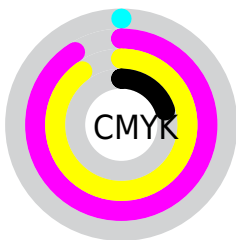
Blue (8%)



Red (80%)

Yellow (7%)

Blue (8%)

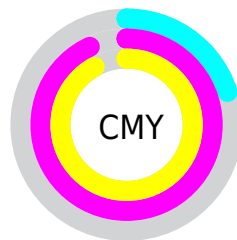


Cyan (0%)

Magenta (91%)

Yellow (90%)

Black (20%)



Cyan (20%)

Magenta (93%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.5430, 109.6180, 39.8420 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 73.5430, 109.6180, 39.8420 by changing the saturation by 10% instead.

■ 73.5430, 109.6180,
39.8420

■ 73.5430, 109.6180,
39.8420

254.8860, 0.3210,
-0.3110

■ 51.1290, 101.9160,
36.2520

■ 136.7130,
105.7230, 27.8270

■ 41.5610, 82.8440,
29.4680

■ 156.5860, 89.7230,
20.4350

■ 31.9930, 63.7720,
22.6840

■ 176.4590, 73.7230,
13.0430

■ 23.2510, 45.2500,
16.9460

■ 196.4460, 57.4020,
5.9620

■ 14.2810, 27.3700,
10.5860


■ 216.5470, 40.7600,
-0.8080


■ 0.0000, 0.0000,
0.0000


■ 237.2350, 23.8430,


-8.1010


 251.5800, 9.6300,
-9.3300


 73.5430, 109.6180,
39.8420


 73.5430, 109.6180,
39.8420


 60.9250, 120.3460,
43.6580

 87.5630, 97.6980,
35.6020

 102.1700, 85.5030,
30.8390

 116.1900, 73.5830,
26.5990

 130.2100, 61.6630,
22.3590

 144.8170, 49.4680,
17.5960

■ 158.9510, 37.2270,
13.6670

■ 172.9710, 25.3070,
9.4270

■ 186.9910, 13.3870,
5.1870

■ 201.5980, 1.1920,
0.4240

Harmonies

Analogous

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



74.7300, 100.1670, 73.4710



73.5430, 109.6180, 39.8420



94.5340, 77.1650, -5.2910

Triad

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



73.5430, 109.6180, 39.8420



78.8640, -48.4530, -52.5250



90.1690, -106.4650, 18.6790

Complementary

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



73.5430, 109.6180, 39.8420



147.4570, -109.6180, -39.8420

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.



98.4210, -107.6550, 7.2010



73.5430, 109.6180, 39.8420



88.4740, -72.7570, -30.5570

Square

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



73.5430, 109.6180, 39.8420



74.6370, -23.1890, -58.8450



96.6990, -94.5390, -10.2430



101.8170, -19.3120, 52.6560

Rectangle

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



73.5430, 109.6180, 39.8420



95.8090, 50.8050, -23.1710



96.6990, -94.5390, -10.2430



94.3920, -108.7110, 15.3290

Sweetspot

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



73.5430, 109.6180, 39.8420



206.7450, 40.8030, 14.9390



93.5080, 49.0870, 96.1190



99.2590, 24.4360, 8.6920



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.



73.5430, 109.6180, 39.8420



76.5870, 151.0170, 54.9930



125.5580, 85.7850, -7.3270



94.9900, 5.9600, 2.1200



49.8620, 98.2940, 35.8140



11.3620, 22.6480, 8.0560

Inverse Universe

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



73.5430, 109.6180, 39.8420



76.5870, 151.0170, 54.9930



95.4420, -85.7850, 7.3270



94.9900, 5.9600, 2.1200



49.8620, 98.2940, 35.8140



11.3620, 22.6480, 8.0560

Previews

White Background



This preview shows how the YIQ color 73.5430, 109.6180, 39.8420 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 73.5430, 109.6180, 39.8420

Background



This preview shows how black text looks on a background with the YIQ color 73.5430, 109.6180, 39.8420.



This preview shows how white text looks on a background with the YIQ color 73.5430, 109.6180,

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

73.5430, 109.6180, 39.8420

Protanopia

99.0640, 28.3380, -17.9820

Deuteranopia

96.3960, 50.5300, -23.6940



Tritanopia

72.8760, 112.8740, 35.8980

Trichromacy



Original Color

73.5430, 109.6180, 39.8420

Protanomaly

89.7510, 57.8610, 3.1490

Deuteranomaly

88.2440, 72.3500, -0.6260

Tritanomaly

73.3320, 111.5900, 37.1420

Monochromacy



Original Color

73.5430, 109.6180, 39.8420

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.0330, 39.9320, 14.2040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.5430, 109.6180, 39.8420 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(203, 18, 20)` looks like.

```
.text, #text, p{  
    color:rgb(203, 18, 20)  
}
```

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(203, 18, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 18, 20) }
```

Border

The CSS property to change the border of an element to YIQ 73.5430, 109.6180, 39.8420 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(203, 18, 20) }
```


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

```
.border{ border-color:rgb(203, 18, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 18, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 18, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 18, 20);  
box-shadow:4px 4px 4px 4px rgb(203, 18,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 73.5430, 109.6180, 39.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 18, 20) }
```

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

```
.background{ background-color: rgb(203, 18,  
20) }
```

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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