

Converting Colors

YIQ(79.8990, 96.8720, 39.5600)

Have a look what the booklet for
YIQ(79.8990, 96.8720, 39.5600)
contains.

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Color

**YIQ(79.8990, 96.8720,
39.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	C51C28
RGB	197, 28, 40
RGB Percent	77%, 11%, 16%
CMY	0.2270, 0.8904, 0.8428
CMYK	0.00, 0.86, 0.80, 0.23
HSL	356°, 75%, 44%
HSV	356°, 86%, 77%
XYZ	23.8515, 12.8654, 3.2422
YIQ	79.8990, 96.8720, 39.5600

Conversions

Conversions Part 2

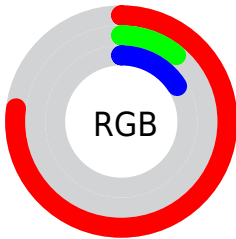
Format	Color
RYB	197, 28, 40
Decimal	12917800
CIELab	42.56, 62.96, 38.97
CIELCh	43, 74.050, 31.758
Yxy	12.8654, 0.5969, 0.3220
Android (android.graphics.Color)	4291107880 (0xFFC51C28)
YUV	79.8990, -19.6702, 102.6976
Hunter-Lab	35.8684, 55.9280, 19.7486

Details

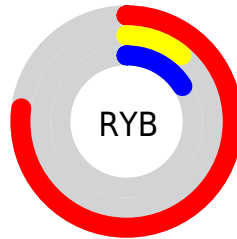
The YIQ color **79.8990, 96.8720, 39.5600** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **145.1010, -96.8720, -39.5600**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **140.6400, 98.7990, 32.1670**, and **40.0660, 79.8640, 28.4080** is the 20% darker color. If you saturate the color by 10%, you get **66.1070, 108.1500, 44.4220**, and if you desaturate by 10%, it is **93.6910, 85.5940, 34.6980**.

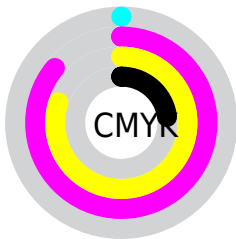
Distribution



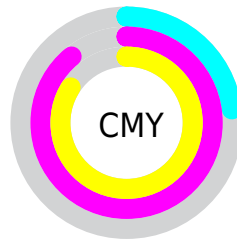
- Red (77%)
- Green (11%)
- Blue (16%)



- Red (77%)
- Yellow (11%)
- Blue (16%)



- Cyan (0%)
- Magenta (86%)
- Yellow (80%)
- Black (23%)





- Cyan (23%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.8990, 96.8720, 39.5600 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 79.8990, 96.8720, 39.5600 by changing the saturation by 10% instead.


 79.8990, 96.8720,
39.5600


 79.8990, 96.8720,
39.5600


255.0000, -0.0000,
-0.0000


 51.5010, 92.2410,
40.8890


 140.6400, 98.7990,
32.1670


 40.0660, 79.8640,
28.4080


 160.5130, 82.7990,
24.7750


 30.7970, 61.3880,
21.8360


 180.3860, 66.7990,
17.3830

 22.3540, 43.4620,
16.3100

 199.9000, 50.4320,
11.1360

 12.9710, 25.3070,
9.4270

 220.5880, 33.5150,
3.8430

 0.0000, 0.0000,
0.0000

 240.8030, 16.5520,

-2.6160

253.9740, 2.8890,
-2.7990

79.8990, 96.8720,
39.5600

79.8990, 96.8720,
39.5600

66.1070, 108.1500,
44.4220

93.6910, 85.5940,
34.6980

60.4990, 112.9180,
46.1180

107.0100, 74.2700,
30.6700

120.8020, 62.9920,
25.8080

134.5940, 51.7140,
20.9460

147.9130, 40.3900,
16.9180

■ 161.7050, 29.1120,
12.0560

■ 175.4970, 17.8340,
7.1940

■ 189.2890, 6.5560,
2.3320

■ 202.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



72.0970, 88.8880, 74.1360



79.8990, 96.8720, 39.5600



92.7840, 79.4570, -2.7750

Triad

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



79.8990, 96.8720, 39.5600



75.7180, -45.1060, -52.6100



89.0460, -101.9250, 13.4910

Complementary

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



79.8990, 96.8720, 39.5600



145.1010, -96.8720, -39.5600

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.



94.8530, -100.3640, 1.7160



79.8990, 96.8720, 39.5600



85.1170, -67.4380, -33.3420

Square

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



79.8990, 96.8720, 39.5600



83.9500, 1.1550, -48.4850



92.0710, -87.0190, -14.3710



99.7240, -32.6520, 41.1080

Rectangle

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



79.8990, 96.8720, 39.5600



94.9670, 56.3520, -19.0720



92.0710, -87.0190, -14.3710



92.3400, -102.9330, 9.7310

Sweetspot

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



79.8990, 96.8720, 39.5600



209.1900, 38.0520, 15.2360



93.6110, 38.1310, 85.4190



100.3020, 22.8770, 9.4130



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.



79.8990, 96.8720, 39.5600



78.2970, 146.2020, 59.6580



119.6210, 81.4740, -0.7820



92.6910, 5.3640, 1.9080



50.1050, 93.2960, 38.2880



11.1060, 20.4930, 8.5650

Inverse Universe

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



79.8990, 96.8720, 39.5600



78.2970, 146.2020, 59.6580



105.3790, -81.4740, 0.7820



92.6910, 5.3640, 1.9080



50.1050, 93.2960, 38.2880



11.1060, 20.4930, 8.5650

Previews

White Background



This preview shows how the YIQ color 79.8990, 96.8720, 39.5600 looks on a white background.

Color Contrast Check

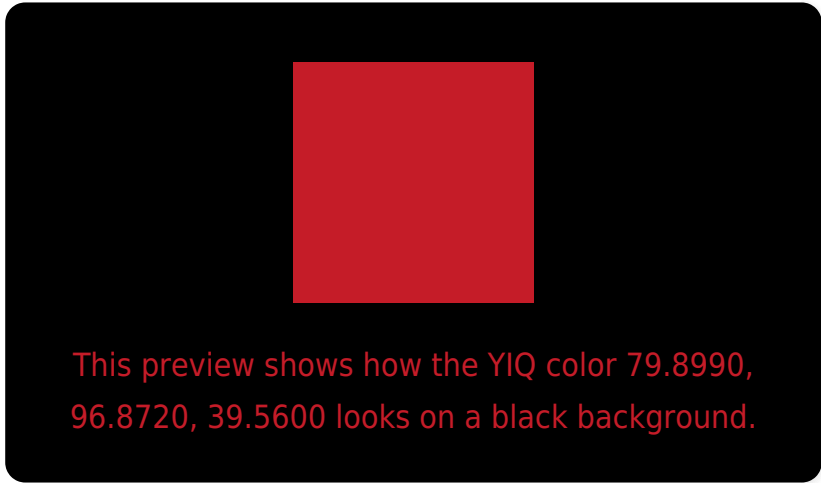
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.8990, 96.8720, 39.5600

Background



This preview shows how black text looks on a background with the YIQ color 79.8990, 96.8720, 39.5600.



This preview shows how white text looks on a background with the YIQ color 79.8990, 96.8720,

39.5600.

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

79.8990, 96.8720, 39.5600

Protanopia

99.9030, 18.8460, -11.1540

Deuteranopia

98.1750, 41.2670, -15.5090



Tritanopia

79.7050, 100.1740, 34.7820

Trichromacy



Original Color

79.8990, 96.8720, 39.5600

Protanomaly

92.5250, 46.9940, 7.3620

Deuteranomaly

91.5450, 61.4370, 4.4210

Tritanomaly

79.5740, 99.1650, 36.5490

Monochromacy



Original Color

79.8990, 96.8720, 39.5600

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.9940, 35.6680, 14.3880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.8990, 96.8720, 39.5600 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, 28, 40)` looks like.

```
.text, #text, p{  
    color:rgb(197, 28, 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, 28, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 28, 40) }
```

Border

The CSS property to change the border of an element to YIQ 79.8990, 96.8720, 39.5600 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, 28, 40) }
```


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

```
.border{ border-color:rgb(197, 28, 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, 28, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 28, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 28, 40);  
box-shadow:4px 4px 4px 4px rgb(197, 28,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 79.8990, 96.8720, 39.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 28, 40) }
```

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

```
.background{ background-color: rgb(197, 28,  
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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