

Converting Colors

YIQ(78.3910, 95.9070, 51.5470)

Have a look what the booklet for
YIQ(78.3910, 95.9070, 51.5470)
contains.

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Color

**YIQ(78.3910, 95.9070,
51.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	CA133C
RGB	202, 19, 60
RGB Percent	79%, 7%, 24%
CMY	0.2074, 0.9257, 0.7644
CMYK	0.00, 0.91, 0.70, 0.21
HSL	347°, 83%, 43%
HSV	347°, 91%, 79%
XYZ	25.4385, 13.3633, 5.5259
YIQ	78.3910, 95.9070, 51.5470

Conversions

Conversions Part 2

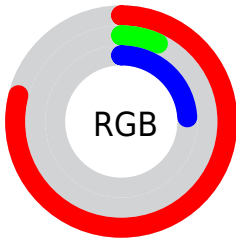
Format	Color
RYB	202, 19, 60
Decimal	13243196
CIELab	43.31, 66.59, 28.20
CIElCh	43, 72.320, 22.953
Yxy	13.3633, 0.5739, 0.3015
Android (android.graphics.Color)	4291433276 (0xFFCA133C)
YUV	78.3910, -9.0668, 108.4051
Hunter-Lab	36.5558, 60.2419, 16.6266

Details

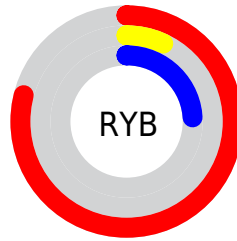
The YIQ color **78.3910, 95.9070, 51.5470** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **142.6090, -95.9070, -51.5470**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.8600, 92.6080, 39.7440**, and **43.7270, 76.7450, 35.3770** is the 20% darker color. If you saturate the color by 10%, you get **65.5280, 105.9470, 56.8190**, and if you desaturate by 10%, it is **91.9550, 85.2710, 46.0630**.

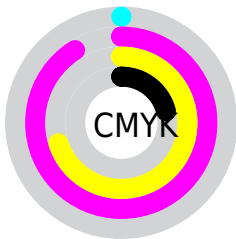
Distribution



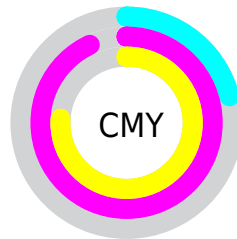
- Red (79%)
- Green (7%)
- Blue (24%)



- Red (79%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (91%)
- Yellow (70%)
- Black (21%)





- Cyan (21%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 78.3910, 95.9070, 51.5470 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 78.3910, 95.9070, 51.5470 by changing the saturation by 10% instead.


 78.3910, 95.9070,
51.5470


 78.3910, 95.9070,
51.5470


255.0000, -0.0000,
-0.0000

 55.5750, 89.3970,
48.3810


 141.8600, 92.6080,
39.7440


 43.7270, 76.7450,
35.3770


 161.7330, 76.6080,
32.3520


 32.5910, 64.9640,
23.1080

 181.7200, 60.2870,
25.2710

 23.8490, 46.4420,
17.3700

 201.8210, 43.6450,
18.5010

 14.5800, 27.9660,
10.7980

 222.6230, 26.4070,
11.5190

 0.0000, 0.0000,
0.0000

 242.8380, 9.4440,

5.0600

■ 78.3910, 95.9070,
51.5470

■ 78.3910, 95.9070,
51.5470

■ 65.5280, 105.9470,
56.8190

■ 91.9550, 85.2710,
46.0630

■ 105.4050, 74.9560,
40.2680

■ 119.5560, 64.0450,
34.2610

■ 133.1200, 53.4090,
28.7770

■ 146.5700, 43.0940,
22.9820

■ 160.1340, 32.4580,
17.4980

■ 173.6980, 21.8220,
12.0140

■ 187.7350, 11.2320,
5.6960

■ 201.2990, 0.5960,
0.2120

Harmonies

Analogous

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



72.7680, 79.8090, 78.9850



78.3910, 95.9070, 51.5470



92.2630, 88.5340, 3.4300

Triad

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



78.3910, 95.9070, 51.5470



73.4380, -38.6860, -58.8300



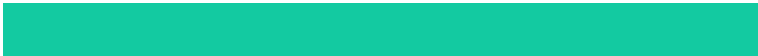
92.3400, -102.9330, 9.7310

Complementary

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



78.3910, 95.9070, 51.5470



142.6090, -95.9070, -51.5470

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.



95.9470, -97.9330, -3.7970



78.3910, 95.9070, 51.5470



83.7660, -62.2560, -39.1520

Square

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



78.3910, 95.9070, 51.5470



90.5500, 17.2010, -41.9270



91.4210, -82.4330, -20.3930



93.9370, -64.4690, 28.5150

Rectangle

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



78.3910, 95.9070, 51.5470



96.5170, 66.6670, -13.2770



91.4210, -82.4330, -20.3930



94.7050, -102.7030, 5.5610

Sweetspot

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



78.3910, 95.9070, 51.5470



208.4550, 35.9880, 19.6040



81.7220, 24.6970, 86.5930



100.2850, 21.5470, 11.4910



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.



78.3910, 95.9070, 51.5470



82.7430, 133.6830, 71.7870



102.4800, 95.5930, 13.1690



95.2180, 5.3180, 2.7420



53.8520, 87.0590, 46.6990



12.3880, 19.7590, 10.8550

Inverse Universe

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



78.3910, 95.9070, 51.5470



82.7430, 133.6830, 71.7870



118.5200, -95.5930, -13.1690



95.2180, 5.3180, 2.7420



53.8520, 87.0590, 46.6990



12.3880, 19.7590, 10.8550

Previews

White Background



This preview shows how the YIQ color 78.3910, 95.9070, 51.5470 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



This preview shows how the YIQ color 78.3910, 95.9070, 51.5470 looks on a 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 78.3910, 95.9070, 51.5470

Background



This preview shows how black text looks on a background with the YIQ color 78.3910, 95.9070, 51.5470.



This preview shows how white text looks on a background with the YIQ color 78.3910, 95.9070,

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

78.3910, 95.9070, 51.5470

Protanopia

103.0840, 8.3910, -3.3930

Deuteranopia

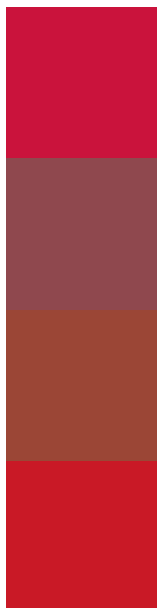
102.0850, 33.0130, -9.0910



Tritanopia

80.0860, 103.4750, 35.5310

Trichromacy



Original Color

78.3910, 95.9070, 51.5470

Protanomaly

93.9130, 40.3900, 16.9180

Deuteranomaly

93.5910, 55.7960, 13.0440

Tritanomaly

79.1060, 100.7230, 41.3550

Monochromacy



Original Color

78.3910, 95.9070, 51.5470

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.3300, 34.8420, 18.3460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.3910, 95.9070, 51.5470 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(202, 19, 60)` looks like.

```
.text, #text, p{  
    color:rgb(202, 19, 60)  
}
```

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(202, 19, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 19, 60) }
```

Border

The CSS property to change the border of an element to YIQ 78.3910, 95.9070, 51.5470 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(202, 19, 60) }
```


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

```
.border{ border-color:rgb(202, 19, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 19, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 19, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 19, 60);  
box-shadow:4px 4px 4px 4px rgb(202, 19,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 78.3910, 95.9070, 51.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 19, 60) }
```

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

```
.background{ background-color: rgb(202, 19,  
60) }
```

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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