

Converting Colors

YIQ(78.1810, 96.1380, 41.8500)

Have a look what the booklet for
YIQ(78.1810, 96.1380, 41.8500)
contains.

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Color

**YIQ(78.1810, 96.1380,
41.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	C4192B
RGB	196, 25, 43
RGB Percent	77%, 10%, 17%
CMY	0.2310, 0.9022, 0.8310
CMYK	0.00, 0.87, 0.78, 0.23
HSL	354°, 77%, 43%
HSV	354°, 87%, 77%
XYZ	23.5766, 12.6174, 3.4873
YIQ	78.1810, 96.1380, 41.8500

Conversions

Conversions Part 2

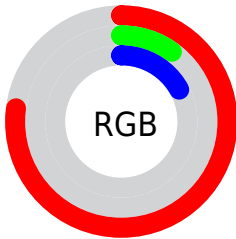
Format	Color
RYB	196, 25, 43
Decimal	12851499
CIELab	42.18, 63.38, 36.80
CIElCh	42, 73.288, 30.139
Yxy	12.6174, 0.5941, 0.3180
Android (android.graphics.Color)	4291041579 (0xFFC4192B)
YUV	78.1810, -17.3442, 103.3273
Hunter-Lab	35.5209, 56.3154, 19.0438

Details

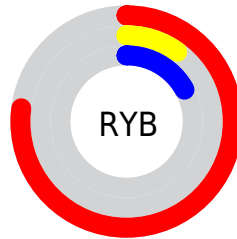
The YIQ color **78.1810, 96.1380, 41.8500** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **142.8190, -96.1380, -41.8500**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.3950, 98.1110, 33.6230**, and **39.7670, 79.2680, 28.1960** is the 20% darker color. If you saturate the color by 10%, you get **64.5030, 107.0950, 47.0230**, and if you desaturate by 10%, it is **91.9730, 84.8600, 36.9880**.

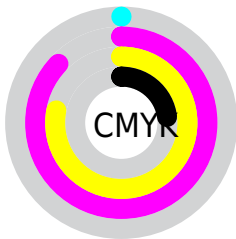
Distribution



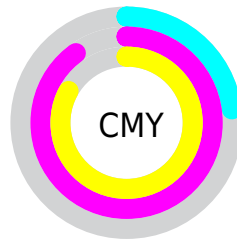
- Red (77%)
- Green (10%)
- Blue (17%)



- Red (77%)
- Yellow (10%)
- Blue (17%)



- Cyan (0%)
- Magenta (87%)
- Yellow (78%)
- Black (23%)



- Cyan (23%)
- Magenta (90%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.1810, 96.1380, 41.8500 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 78.1810, 96.1380, 41.8500 by changing the saturation by 10% instead.

■ 78.1810, 96.1380,
41.8500

■ 78.1810, 96.1380,
41.8500

255.0000, -0.0000,
-0.0000

■ 51.8430, 91.2780,
41.8220

■ 140.3950, 98.1110,
33.6230

■ 40.0660, 79.8640,
28.4080

■ 160.2680, 82.1110,
26.2310

■ 30.4980, 60.7920,
21.6240

■ 179.5540, 66.3860,
19.3620

■ 22.0550, 42.8660,
16.0980

■ 199.6550, 49.7440,
12.5920

■ 12.6720, 24.7110,
9.2150

■ 219.7560, 33.1020,
5.8220

■ 0.0000, 0.0000,
0.0000

■ 240.5580, 15.8640,

-1.1600

254.4300, 1.6050,
-1.5550

■ 78.1810, 96.1380,
41.8500

■ 78.1810, 96.1380,
41.8500

■ 64.5030, 107.0950,
47.0230

■ 91.9730, 84.8600,
36.9880

■ 60.9980, 110.0750,
48.0830

■ 105.0640, 74.1780,
32.3380

■ 118.8560, 62.9000,
27.4760

■ 131.9470, 52.2180,
22.8260

■ 145.7390, 40.9400,
17.9640

■ 159.4170, 29.9830,
12.7910

■ 172.6220, 18.9800,
8.4520

■ 186.3000, 8.0230,
3.2790

■ 199.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



71.4280, 86.4580, 74.1220



78.1810, 96.1380, 41.8500



91.6100, 80.0070, -1.7290

Triad

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



78.1810, 96.1380, 41.8500



74.6750, -43.5470, -53.3310



88.7040, -100.9620, 12.5580

Complementary

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



78.1810, 96.1380, 41.8500



142.8190, -96.1380, -41.8500

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.



93.8100, -98.8050, 0.9950



78.1810, 96.1380, 41.8500



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.



78.1810, 96.1380, 41.8500



83.9720, 4.0890, -46.5910



90.9140, -85.1390, -15.4030



98.2180, -37.0990, 39.1010

Rectangle

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



78.1810, 96.1380, 41.8500



94.0920, 57.4980, -17.8140



90.9140, -85.1390, -15.4030



91.4110, -101.6950, 9.3210

Sweetspot

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



78.1810, 96.1380, 41.8500



209.5320, 37.0890, 16.1690



89.6430, 35.1050, 85.1930



100.4160, 22.5560, 9.7240



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.



78.1810, 96.1380, 41.8500



79.3230, 143.3130, 62.4570



114.8710, 83.7660, 1.7340



90.1040, 5.6390, 2.4310



50.0770, 90.4990, 39.4190



10.3230, 18.3840, 8.2400

Inverse Universe

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



78.1810, 96.1380, 41.8500



79.3230, 143.3130, 62.4570



106.1290, -83.7660, -1.7340



90.1040, 5.6390, 2.4310



50.0770, 90.4990, 39.4190



10.3230, 18.3840, 8.2400

Previews

White Background



This preview shows how the YIQ color 78.1810, 96.1380, 41.8500 looks on a white background.

Color Contrast Check

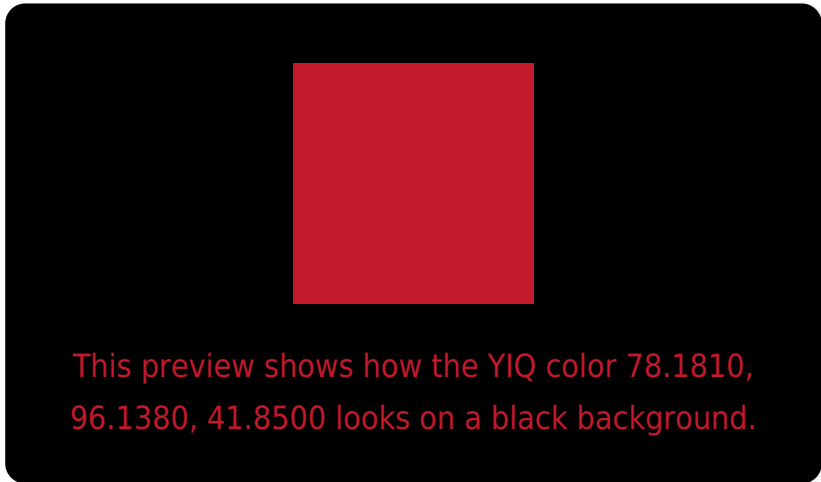
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.1810, 96.1380, 41.8500

Background



This preview shows how black text looks on a background with the YIQ color 78.1810, 96.1380, 41.8500.



This preview shows how white text looks on a background with the YIQ color 78.1810, 96.1380,

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

78.1810, 96.1380, 41.8500

Protanopia

99.4730, 17.2410, -9.5990

Deuteranopia

97.8590, 39.3410, -13.6430



Tritanopia

78.0040, 100.7700, 34.9940

Trichromacy



Original Color

78.1810, 96.1380, 41.8500

Protanomaly

91.3940, 45.9850, 9.1290

Deuteranomaly

90.5280, 60.1070, 6.4990

Tritanomaly

78.1010, 99.1190, 37.3830

Monochromacy



Original Color

78.1810, 96.1380, 41.8500

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.2220, 35.0260, 15.0100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.1810, 96.1380, 41.8500 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(196, 25, 43)` looks like.

```
.text, #text, p{  
    color:rgb(196, 25, 43)  
}
```

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(196, 25, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 25, 43) }
```

Border

The CSS property to change the border of an element to YIQ 78.1810, 96.1380, 41.8500 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(196, 25, 43) }
```


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

```
.border{ border-color:rgb(196, 25, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 25, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 25, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 25, 43);  
box-shadow:4px 4px 4px 4px rgb(196, 25,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 78.1810, 96.1380, 41.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 25, 43) }
```

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

```
.background{ background-color: rgb(196, 25,  
43) }
```

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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