

Converting Colors

YIQ(96.9290, 78.9920, 33.2000)

Have a look what the booklet for
YIQ(96.9290, 78.9920, 33.2000)
contains.

| | |
|--|----|
| YIQ(96.9290, 78.9920, 33.2000) | 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(96.9290, 78.9920,
33.2000)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C13642 |
| RGB | 193, 54, 66 |
| RGB Percent | 76%, 21%, 26% |
| CMY | 0.2428, 0.7884, 0.7409 |
| CMYK | 0.00, 0.72, 0.66, 0.24 |
| HSL | 355°, 56%, 48% |
| HSV | 355°, 72%, 76% |
| XYZ | 24.3164, 14.3760, 6.6595 |
| YIQ | 96.9290, 78.9920, 33.2000 |

Conversions

Conversions Part 2

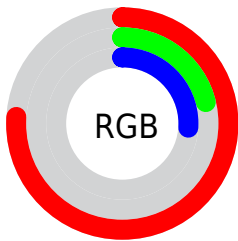
| Format | Color |
|-------------------------------------|--|
| RYB | 193, 54, 66 |
| Decimal | 12662338 |
| CIELab | 44.77, 55.48, 25.97 |
| CIElCh | 45, 61.262, 25.084 |
| Yxy | 14.3760, 0.5362, 0.3170 |
| Android (android.graphics.Color) | 4290852418 (0xFFC13642) |
| YUV | 96.9290, -15.2480, 84.2543 |
| Hunter-Lab | 37.9156, 48.1250, 16.1273 |

Details

The YIQ color **96.9290, 78.9920, 33.2000** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **150.0710, -78.9920, -33.2000**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8110, 85.1360, 31.9840**, and **42.2040, 70.9680, 35.4480** is the 20% darker color. If you saturate the color by 10%, you get **83.7240, 89.9950, 37.5390**, and if you desaturate by 10%, it is **110.1340, 67.9890, 28.8610**.

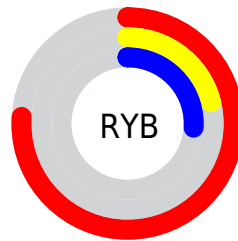
Distribution



Red (76%)

Green (21%)

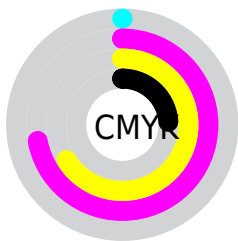
Blue (26%)



Red (76%)

Yellow (21%)

Blue (26%)

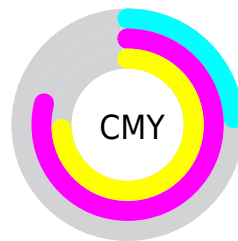


Cyan (0%)

Magenta (72%)

Yellow (66%)

Black (24%)



Cyan (24%)

Magenta (79%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.9290, 78.9920, 33.2000 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 96.9290, 78.9920, 33.2000 by changing the saturation by 10% instead.

■ 96.9290, 78.9920,
33.2000

■ 96.9290, 78.9920,
33.2000

■ 255.0000, -0.0000,
-0.0000

■ 64.9060, 77.7990,
38.3030

■ 153.8110, 85.1360,
31.9840

■ 42.2040, 70.9680,
35.4480

■ 173.0970, 69.4110,
25.1150

■ 30.7970, 61.3880,
21.8360

■ 192.6110, 53.0440,
18.8680

■ 21.9410, 43.1870,
15.7870

■ 212.7120, 36.4020,
12.0980

■ 13.5690, 26.4990,
9.8510

■ 232.9270, 19.4390,
5.6390

■ 0.0000, 0.0000,
0.0000

■ 253.1420, 2.4760,

-0.8200

■ 96.9290, 78.9920,
33.2000

■ 96.9290, 78.9920,
33.2000

■ 83.7240, 89.9950,
37.5390

■ 110.1340, 67.9890,
28.8610

■ 70.0460, 100.9520,
42.7120

■ 123.8120, 57.0320,
23.6880

■ 59.6450, 109.5710,
46.2030

■ 137.0170, 46.0290,
19.3490

■ 150.2220, 35.0260,
15.0100

■ 163.3130, 24.3440,
10.3600

■ 177.1050, 13.0660,
5.4980

■ 190.1960, 2.3840,
0.8480

■ 203.4010, -8.6190,
-3.4910

■ 217.1930,
-19.8970, -8.3530

Harmonies

Analogous

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



98.6230, 63.0790, 51.7750



96.9290, 78.9920, 33.2000



99.6250, 75.6510, 0.1230

Triad

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



96.9290, 78.9920, 33.2000



77.5760, -47.5820, -51.7900



91.2170, -98.3930, 4.5430

Complementary

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



96.9290, 78.9920, 33.2000



150.0710, -78.9920, -33.2000

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.



94.9210, -95.0440, -6.5960



96.9290, 78.9920, 33.2000



86.0800, -66.0160, -37.0880

Square

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



96.9290, 78.9920, 33.2000



94.1050, 19.9520, -42.2240



92.0080, -82.7080, -20.9160



104.1540, -40.2150, 29.4890

Rectangle

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



96.9290, 78.9920, 33.2000



99.7290, 62.9540, -17.5740



92.0080, -82.7080, -20.9160



93.2230, -98.5300, 1.5180

Sweetspot

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



96.9290, 78.9920, 33.2000



212.0150, 31.1750, 13.2150



107.2210, 29.8810, 69.7290



102.2090, 18.7050, 7.9290



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.9290, 78.9920, 33.2000



101.4510, 122.0410, 51.4890



128.4330, 67.4440, 0.1800



90.1040, 5.6390, 2.4310



49.7350, 91.4620, 38.4860



10.2090, 18.7050, 7.9290

Inverse Universe

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



96.9290, 78.9920, 33.2000



101.4510, 122.0410, 51.4890



118.5670, -67.4440, -0.1800



90.1040, 5.6390, 2.4310



49.7350, 91.4620, 38.4860



10.2090, 18.7050, 7.9290

Previews

White Background



This preview shows how the YIQ color 96.9290, 78.9920, 33.2000 looks on a white background.

Color Contrast Check

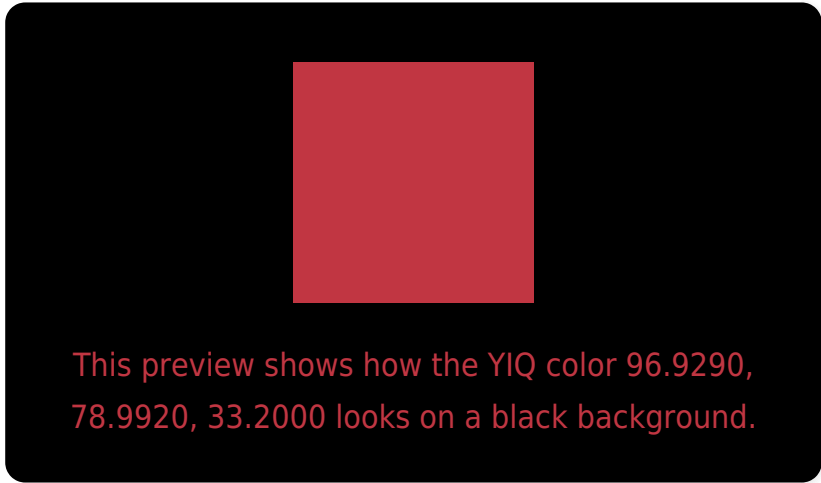
Large Text (above 18pt) WCAG AA ✓ Pass

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

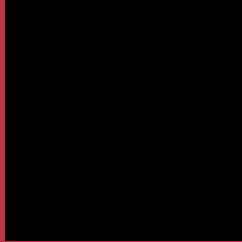
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 96.9290, 78.9920, 33.2000

Background



This preview shows how black text looks on a background with the YIQ color 96.9290, 78.9920, 33.2000.



This preview shows how white text looks on a background with the YIQ color 96.9290, 78.9920,

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

96.9290, 78.9920, 33.2000

Protanopia

105.9270, 10.2710, -4.4250

Deuteranopia

105.4700, 30.4910, -7.4370



Tritanopia

96.6040, 81.2850, 30.1890

Trichromacy



Original Color

96.9290, 78.9920, 33.2000

Protanomaly

102.5330, 35.3480, 9.1720

Deuteranomaly

102.7100, 47.9110, 7.2630

Tritanomaly

96.9460, 80.3220, 31.1220

Monochromacy



Original Color

96.9290, 78.9920, 33.2000

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.8190, 28.7910, 12.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.9290, 78.9920, 33.2000 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(193, 54, 66)` looks like.

```
.text, #text, p{  
    color:rgb(193, 54, 66)  
}
```

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(193, 54, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 54, 66) }
```

Border

The CSS property to change the border of an element to YIQ 96.9290, 78.9920, 33.2000 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(193, 54, 66) }
```


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

```
.border{ border-color:rgb(193, 54, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 54, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 54, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 54, 66);  
box-shadow:4px 4px 4px 4px rgb(193, 54,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 96.9290, 78.9920, 33.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 54, 66) }
```

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

```
.background{ background-color: rgb(193, 54,  
66) }
```

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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