

Converting Colors

YIQ(110.4990, 77.3870, 34.7550)

Have a look what the booklet for
YIQ(110.4990, 77.3870, 34.7550)
contains.

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Color

**YIQ(110.4990, 77.3870,
34.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	CE4354
RGB	206, 67, 84
RGB Percent	81%, 26%, 33%
CMY	0.1918, 0.7374, 0.6703
CMYK	0.00, 0.68, 0.59, 0.19
HSL	353°, 59%, 54%
HSV	353°, 68%, 81%
XYZ	29.0846, 17.7829, 10.3024
YIQ	110.4990, 77.3870, 34.7550

Conversions

Conversions Part 2

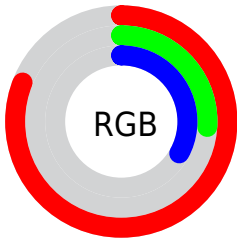
Format	Color
RYB	206, 67, 84
Decimal	13517652
CIELab	49.23, 55.76, 21.33
CIElCh	49, 59.704, 20.935
Yxy	17.7829, 0.5087, 0.3111
Android (android.graphics.Color)	4291707732 (0xFFCE4354)
YUV	110.4990, -13.0640, 83.7544
Hunter-Lab	42.1698, 49.3148, 15.0338

Details

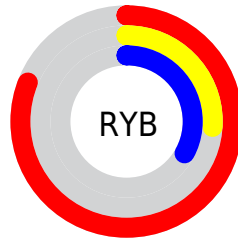
The YIQ color **110.4990, 77.3870, 34.7550** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **162.5010, -77.3870, -34.7550**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6080, 75.4620, 31.0940**, and **47.8010, 73.9010, 42.8690** is the 20% darker color. If you saturate the color by 10%, you get **96.1200, 88.9400, 40.1400**, and if you desaturate by 10%, it is **124.8780, 65.8340, 29.3700**.

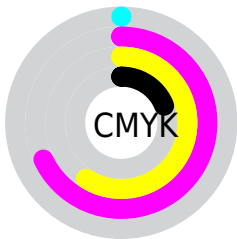
Distribution



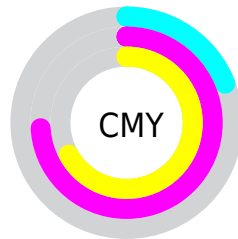
- Red (81%)
- Green (26%)
- Blue (33%)



- Red (81%)
- Yellow (26%)
- Blue (33%)



- Cyan (0%)
- Magenta (68%)
- Yellow (59%)
- Black (19%)





- Cyan (19%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.4990, 77.3870, 34.7550 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 110.4990, 77.3870, 34.7550 by changing the saturation by 10% instead.


 110.4990, 77.3870,
34.7550


 110.4990, 77.3870,
34.7550


255.0000, -0.0000,
-0.0000


 80.7100, 75.4150,
37.4550


 163.6080, 75.4620,
31.0940


 47.8010, 73.9010,
42.8690


 183.1220, 59.0950,
24.8470


 36.9640, 62.7160,
30.8120


 202.6360, 42.7280,
18.6000

 25.7140, 51.2560,
18.2320

 222.7370, 26.0860,
11.8300

 17.8690, 34.5220,
13.1300

 243.0660, 8.8020,
5.6820

 6.2790, 12.5160,
4.4520

 0.0000, 0.0000,

0.0000

■ 110.4990, 77.3870,
34.7550

■ 110.4990, 77.3870,
34.7550

■ 96.1200, 88.9400,
40.1400

■ 124.8780, 65.8340,
29.3700

■ 82.3280, 100.2180,
45.0020

■ 138.6700, 54.5560,
24.5080

■ 67.9490, 111.7710,
50.3870

■ 153.0490, 43.0030,
19.1230

■ 64.4440, 114.7510,
51.4470

■ 166.8410, 31.7250,
14.2610

■ 181.2200, 20.1720,
8.8760

■ 195.7130, 8.2980,
3.8020

■ 209.5050, -2.9800,
-1.0600

■ 223.8840,
-14.5330, -6.4450

■ 237.6760,
-25.8110, -11.3070

Harmonies

Analogous

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



113.6330, 57.1190, 49.6550



110.4990, 77.3870, 34.7550



112.2000, 75.6500, 5.6500

Triad

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



110.4990, 77.3870, 34.7550



95.4810, -31.0770, -48.0450



99.8740, -104.8570, 0.5430

Complementary

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



110.4990, 77.3870, 34.7550



162.5010, -77.3870, -34.7550

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.



102.6490, -100.2700, -11.0060



110.4990, 77.3870, 34.7550



92.8790, -70.0040, -41.9080

Square

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



110.4990, 77.3870, 34.7550



105.3680, 29.3970, -42.6910



99.5080, -87.2920, -25.9480



113.5550, -48.8340, 25.9980

Rectangle

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



110.4990, 77.3870, 34.7550



110.6220, 70.5650, -17.8430



99.5080, -87.2920, -25.9480



101.1790, -104.3980, -2.2700

Sweetspot

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



110.4990, 77.3870, 34.7550



219.9330, 28.4700, 12.6780



119.0250, 27.4970, 68.8810



106.7250, 17.1920, 7.8160



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.



110.4990, 77.3870, 34.7550



112.8570, 115.0260, 51.9700



138.4980, 68.8190, 2.7950



95.1040, 5.6390, 2.4310



51.9140, 92.5160, 41.4120



11.9320, 21.0430, 9.6110

Inverse Universe

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



110.4990, 77.3870, 34.7550



112.8570, 115.0260, 51.9700



134.5020, -68.8190, -2.7950



95.1040, 5.6390, 2.4310



51.9140, 92.5160, 41.4120



11.9320, 21.0430, 9.6110

Previews

White Background



This preview shows how the YIQ color 110.4990, 77.3870, 34.7550 looks on a white background.

Color Contrast Check

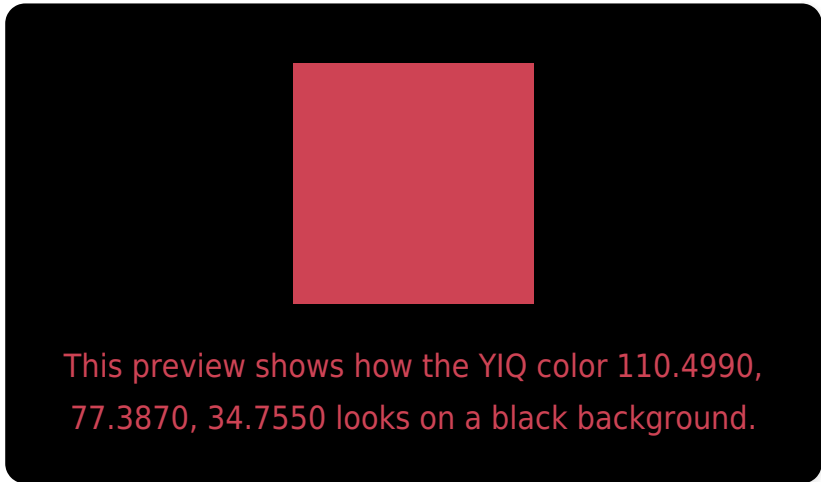
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

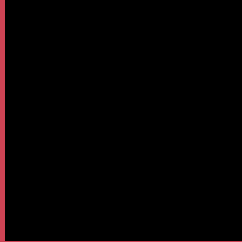
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 110.4990, 77.3870, 34.7550

Background



This preview shows how black text looks on a background with the YIQ color 110.4990, 77.3870, 34.7550.

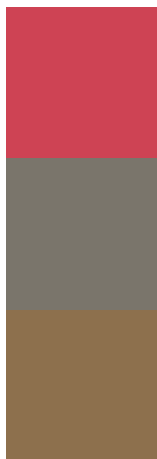


This preview shows how white text looks on a background with the YIQ color 110.4990, 77.3870,

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

110.4990, 77.3870, 34.7550

Protanopia

117.3550, 6.1900, -2.0500

Deuteranopia

116.6810, 28.5190, -4.7370



Tritanopia

110.4190, 80.3680, 30.2880

Trichromacy



Original Color

110.4990, 77.3870, 34.7550

Protanomaly

115.1460, 32.1840, 11.4480

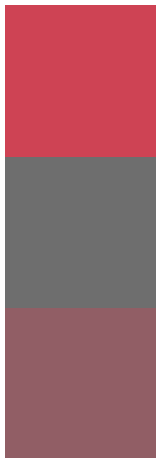
Deuteranomaly

114.8070, 46.2600, 9.6520

Tritanomaly

110.2880, 79.3590, 32.0550

Monochromacy



Original Color

110.4990, 77.3870, 34.7550

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.0470, 28.1490, 12.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.4990, 77.3870, 34.7550 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(206, 67, 84)` looks like.

```
.text, #text, p{  
    color:rgb(206, 67, 84)  
}
```

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(206, 67, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 67, 84) }
```

Border

The CSS property to change the border of an element to YIQ 110.4990, 77.3870, 34.7550 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(206, 67, 84) }
```


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

```
.border{ border-color:rgb(206, 67, 84) }
```

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

Here you see how a box with a 4 pixel rgb(206, 67, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 67, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 67, 84);  
box-shadow:4px 4px 4px 4px rgb(206, 67,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 110.4990, 77.3870, 34.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 67, 84) }
```

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

```
.background{ background-color: rgb(206, 67,  
84) }
```

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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