

Converting Colors

YIQ(102.5170, 76.9760, 25.6800)

Have a look what the booklet for
YIQ(102.5170, 76.9760, 25.6800)
contains.

YIQ(102.5170, 76.9760, 25.6800)	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(102.5170, 76.9760,
25.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	C0413D
RGB	192, 65, 61
RGB Percent	75%, 25%, 24%
CMY	0.2468, 0.7453, 0.7605
CMYK	0.00, 0.66, 0.68, 0.25
HSL	2°, 52%, 50%
HSV	2°, 68%, 75%
XYZ	24.4892, 15.3287, 6.0940
YIQ	102.5170, 76.9760, 25.6800

Conversions

Conversions Part 2

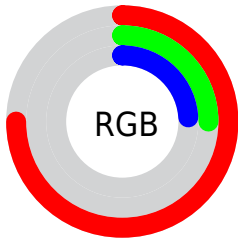
Format	Color
RYB	192, 65, 61
Decimal	12599613
CIELab	46.08, 50.57, 30.53
CIElCh	46, 59.074, 31.122
Yxy	15.3287, 0.5334, 0.3339
Android (android.graphics.Color)	4290789693 (0xFFC0413D)
YUV	102.5170, -20.4679, 78.4766
Hunter-Lab	39.1519, 43.1349, 18.1778

Details

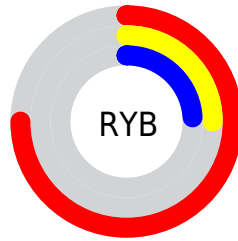
The YIQ color **102.5170, 76.9760, 25.6800** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **150.4830, -76.9760, -25.6800**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2250, 83.6700, 25.5100**, and **41.2210, 72.2980, 33.3700** is the 20% darker color. If you saturate the color by 10%, you get **89.1980, 88.3000, 29.7080**, and if you desaturate by 10%, it is **115.8360, 65.6520, 21.6520**.

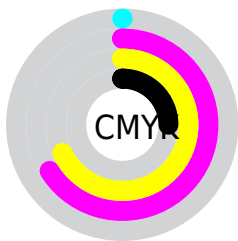
Distribution



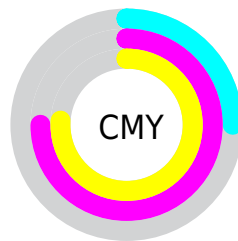
- Red (75%)
- Green (25%)
- Blue (24%)



- Red (75%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (66%)
- Yellow (68%)
- Black (25%)





- Cyan (25%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 102.5170, 76.9760, 25.6800 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 102.5170, 76.9760, 25.6800 by changing the saturation by 10% instead.


 102.5170, 76.9760,
25.6800


 102.5170, 76.9760,
25.6800


255.0000, -0.0000,
-0.0000


 74.0160, 74.1330,
27.6450


 158.2250, 83.6700,
25.5100


 41.5200, 72.8940,
33.5820


 177.8100, 68.5410,
18.8530


 30.4980, 60.7920,
21.6240


 196.6230, 52.7700,
12.8180

 21.8270, 43.5080,
15.4760

 216.8380, 35.8070,
6.3590

 13.6830, 26.1780,
10.1620

 236.9390, 19.1650,
-0.4110

 0.0000, 0.0000,
0.0000

 253.7460, 3.5310,

-3.4210

■ 102.5170, 76.9760,
25.6800

■ 102.5170, 76.9760,
25.6800

■ 89.1980, 88.3000,
29.7080

■ 115.8360, 65.6520,
21.6520

■ 76.4660, 99.3490,
33.2130

■ 128.5680, 54.6030,
18.1470

■ 63.0330, 110.9940,
36.9300

■ 142.0010, 42.9580,
14.4300

■ 60.9300, 112.7820,
37.5660

■ 155.3200, 31.6340,
10.4020

■ 168.0520, 20.5850,
6.8970

■ 181.3710, 9.2610,
2.8690

■ 194.2170, -2.1090,
-0.3250

■ 207.5360,
-13.4330, -4.3530

■ 220.8550,
-24.7570, -8.3810

Harmonies

Analogous

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



102.4290, 66.3810, 46.9970



102.5170, 76.9760, 25.6800



103.3700, 71.7550, -6.3650

Triad

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



102.5170, 76.9760, 25.6800



81.7480, -53.8180, -48.9060



91.3310, -98.7140, 4.8540

Complementary

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



102.5170, 76.9760, 25.6800



150.4830, -76.9760, -25.6800

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.



96.3060, -97.5660, -4.9420



102.5170, 76.9760, 25.6800



89.4370, -71.3350, -34.3030

Square

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



102.5170, 76.9760, 25.6800



95.0610, 14.0840, -46.0120



95.0230, -87.0640, -19.0640



110.5860, -23.7560, 34.0680

Rectangle

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



102.5170, 76.9760, 25.6800



102.9300, 57.7740, -22.8180



95.0230, -87.0640, -19.0640



93.4510, -99.1720, 2.1400

Sweetspot

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



102.5170, 76.9760, 25.6800



215.5370, 29.5250, 10.0770



114.8750, 36.6670, 67.8910



104.5570, 17.6050, 5.8370



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.



102.5170, 76.9760, 25.6800



109.8170, 120.5300, 40.3220



140.0850, 59.3760, -7.7920



89.9900, 5.9600, 2.1200



51.0740, 94.5810, 31.5170



10.4540, 19.3930, 6.4730

Inverse Universe

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



150.4830, -76.9760, -25.6800



185.1830, -120.5300, -40.3220



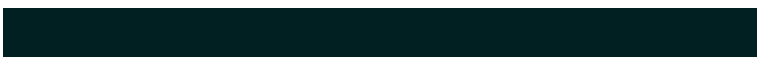
112.9150, -59.3760, 7.7920



94.0100, -5.9600, -2.1200



109.9260, -94.5810, -31.5170



22.5460, -19.3930, -6.4730

Previews

White Background



This preview shows how the YIQ color 102.5170, 76.9760, 25.6800 looks on a white background.

Color Contrast Check

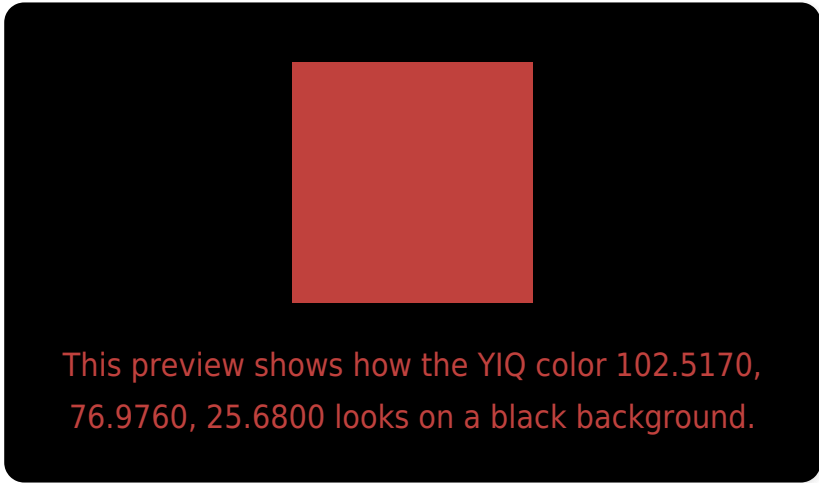
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.5170, 76.9760, 25.6800

Background



This preview shows how black text looks on a background with the YIQ color 102.5170, 76.9760, 25.6800.



This preview shows how white text looks on a background with the YIQ color 102.5170, 76.9760,

25.6800.

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

102.5170, 76.9760, 25.6800

Protanopia

108.7440, 15.0400, -8.2560

Deuteranopia

108.1560, 34.2510, -9.5010



Tritanopia

102.6140, 75.3250, 28.0690

Trichromacy



Original Color

102.5170, 76.9760, 25.6800

Protanomaly

106.7410, 37.4580, 3.9700

Deuteranomaly

105.9720, 49.9290, 3.7290

Tritanomaly

102.3860, 75.9670, 27.4470

Monochromacy



Original Color

102.5170, 76.9760, 25.6800

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

102.6400, 27.7370, 9.4410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.5170, 76.9760, 25.6800 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(192, 65, 61)` looks like.

```
.text, #text, p{  
    color:rgb(192, 65, 61)  
}
```

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(192, 65, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 65, 61) }
```

Border

The CSS property to change the border of an element to YIQ 102.5170, 76.9760, 25.6800 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(192, 65, 61) }
```


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

```
.border{ border-color:rgb(192, 65, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 65, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 65, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 65, 61);  
box-shadow:4px 4px 4px 4px rgb(192, 65,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 102.5170, 76.9760, 25.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 65, 61) }
```

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

```
.background{ background-color: rgb(192, 65,  
61) }
```

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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