

Converting Colors

YIQ(103.4530, 83.0280, 26.1320)

Have a look what the booklet for
YIQ(103.4530, 83.0280, 26.1320)
contains.

YIQ(103.4530, 83.0280, 26.1320)	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(103.4530, 83.0280,
26.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	C74038
RGB	199, 64, 56
RGB Percent	78%, 25%, 22%
CMY	0.2193, 0.7492, 0.7801
CMYK	0.00, 0.68, 0.72, 0.22
HSL	3°, 56%, 50%
HSV	3°, 72%, 78%
XYZ	26.1207, 16.0999, 5.4832
YIQ	103.4530, 83.0280, 26.1320

Conversions

Conversions Part 2

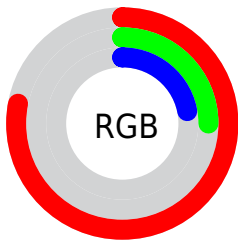
Format	Color
R_{YB}	199, 64, 56
Decimal	13058104
CIE _{Lab}	47.11, 53.07, 34.95
CIE _{LCh}	47, 63.543, 33.364
Yxy	16.0999, 0.5476, 0.3375
Android (android.graphics.Color)	4291248184 (0xFFC74038)
YUV	103.4530, -23.3943, 83.7947
Hunter-Lab	40.1247, 45.9832, 19.9850

Details

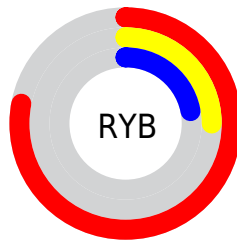
The YIQ color **103.4530, 83.0280, 26.1320** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **151.5470, -83.0280, -26.1320**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.9540, 85.8710, 24.1670**, and **42.7440, 78.0750, 33.2990** is the 20% darker color. If you saturate the color by 10%, you get **90.0200, 94.6730, 29.8490**, and if you desaturate by 10%, it is **116.8860, 71.3830, 22.4150**.

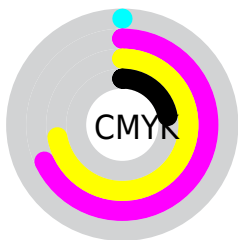
Distribution



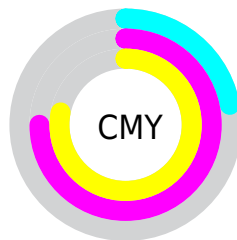
- Red (78%)
- Green (25%)
- Blue (22%)



- Red (78%)
- Yellow (25%)
- Blue (22%)



- Cyan (0%)
- Magenta (68%)
- Yellow (72%)
- Black (22%)





- Cyan (22%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.4530, 83.0280, 26.1320 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 103.4530, 83.0280, 26.1320 by changing the saturation by 10% instead.


 103.4530, 83.0280,
26.1320


 103.4530, 83.0280,
26.1320


255.0000, -0.0000,
-0.0000


 74.0660, 79.8640,
28.4080


 157.9540, 85.8710,
24.1670


 42.7440, 78.0750,
33.2990


 177.2400, 70.1460,
17.2980


 32.2920, 64.3680,
22.8960


 196.6400, 54.1000,
10.7400

 23.3220, 46.4880,
16.5360

 216.1540, 37.7330,
4.4930

 15.1780, 29.1580,
11.2220

 236.3690, 20.7700,
-1.9660

 0.0000, 0.0000,
0.0000

 253.0620, 5.4570,

-5.2870

■ 103.4530, 83.0280,
26.1320

■ 103.4530, 83.0280,
26.1320

■ 90.0200, 94.6730,
29.8490

■ 116.8860, 71.3830,
22.4150

■ 76.5870, 106.3180,
33.5660

■ 130.3190, 59.7380,
18.6980

■ 65.9580, 115.5790,
36.4350

■ 143.1650, 48.3680,
15.5040

■ 156.5980, 36.7230,
11.7870

■ 170.0310, 25.0780,
8.0700

■ 183.4640, 13.4330,
4.3530

■ 196.7830, 2.1090,
0.3250

■ 209.6290, -9.2610,
-2.8690

■ 223.0620,
-20.9060, -6.5860

Harmonies

Analogous

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



102.0710, 73.4410, 51.2090



103.4530, 83.0280, 26.1320



104.2580, 77.7620, -10.6060

Triad

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



103.4530, 83.0280, 26.1320



84.3240, -55.5600, -50.3760



93.6450, -102.4740, 6.9180

Complementary

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



103.4530, 83.0280, 26.1320



151.5470, -83.0280, -26.1320

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.



99.3210, -101.9220, -3.0900



103.4530, 83.0280, 26.1320



92.4690, -74.3610, -34.5290

Square

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



103.4530, 83.0280, 26.1320



95.5010, 9.7290, -49.6870



98.5110, -91.3740, -18.0460



113.1890, -20.9600, 38.4640

Rectangle

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



103.4530, 83.0280, 26.1320



104.9900, 57.5450, -24.1750



98.5110, -91.3740, -18.0460



96.5800, -103.8490, 4.3030

Sweetspot

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



103.4530, 83.0280, 26.1320



217.5050, 32.5510, 10.3030



114.2610, 41.5720, 72.6120



105.3400, 19.7140, 6.1620



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.



103.4530, 83.0280, 26.1320



108.5250, 127.2240, 40.1520



145.1300, 63.5030, -11.0010



92.6910, 5.3640, 1.9080



54.0200, 94.6730, 29.8490



11.9380, 20.9060, 6.5860

Inverse Universe

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



151.5470, -83.0280, -26.1320



182.4750, -127.2240, -40.1520



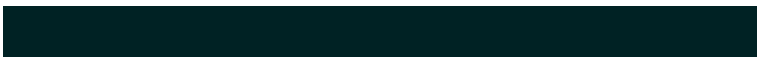
109.8700, -63.5030, 11.0010



96.3090, -5.3640, -1.9080



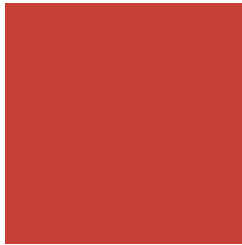
108.9800, -94.6730, -29.8490



24.0620, -20.9060, -6.5860

Previews

White Background



This preview shows how the YIQ color 103.4530, 83.0280, 26.1320 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 103.4530, 83.0280, 26.1320 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 103.4530, 83.0280, 26.1320

Background



This preview shows how black text looks on a background with the YIQ color 103.4530, 83.0280, 26.1320.



This preview shows how white text looks on a background with the YIQ color 103.4530, 83.0280,

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

103.4530, 83.0280, 26.1320

Protanopia

110.5440, 18.4790, -10.0090

Deuteranopia

109.8420, 38.0110, -11.5650



Tritanopia

104.0060, 80.0930, 29.7650

Trichromacy



Original Color

103.4530, 83.0280, 26.1320

Protanomaly

108.2530, 41.7680, 2.9520

Deuteranomaly

107.3700, 54.5600, 2.4000

Tritanomaly

103.5500, 81.3770, 28.5210

Monochromacy



Original Color

103.4530, 83.0280, 26.1320

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.3090, 30.1670, 9.4550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.4530, 83.0280, 26.1320 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(199, 64, 56)` looks like.

```
.text, #text, p{  
    color:rgb(199, 64, 56)  
}
```

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(199, 64, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 64, 56) }
```

Border

The CSS property to change the border of an element to YIQ 103.4530, 83.0280, 26.1320 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(199, 64, 56) }
```


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

```
.border{ border-color:rgb(199, 64, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 64, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 64, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 64, 56);  
box-shadow:4px 4px 4px 4px rgb(199, 64,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 103.4530, 83.0280, 26.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 64, 56) }
```

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

```
.background{ background-color: rgb(199, 64,  
56) }
```

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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