

Converting Colors

YIQ(103.2650, 95.3610, 28.3930)

Have a look what the booklet for
YIQ(103.2650, 95.3610, 28.3930)
contains.

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Color

**YIQ(103.2650, 95.3610,
28.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	D43B2E
RGB	212, 59, 46
RGB Percent	83%, 23%, 18%
CMY	0.1683, 0.7688, 0.8192
CMYK	0.00, 0.72, 0.78, 0.17
HSL	5°, 66%, 51%
HSV	5°, 78%, 83%
XYZ	29.2333, 17.3299, 4.3993
YIQ	103.2650, 95.3610, 28.3930

Conversions

Conversions Part 2

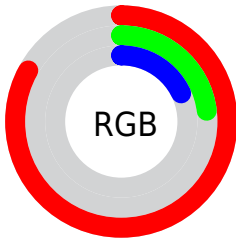
Format	Color
R _Y B	212, 60, 46
Decimal	13908782
CIE Lab	48.67, 58.74, 42.88
CIE LCh	49, 72.728, 36.125
Yxy	17.3299, 0.5736, 0.3401
Android (android.graphics.Color)	4292098862 (0xFFD43B2E)
YUV	103.2650, -28.2316, 95.3606
Hunter-Lab	41.6292, 52.4971, 22.8748

Details

The YIQ color **103.2650, 95.3610, 28.3930** 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 **154.7350, -95.3610, -28.3930**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9390, 90.2270, 22.3150**, and **44.5510, 88.8040, 31.5880** is the 20% darker color. If you saturate the color by 10%, you get **89.1310, 107.6020, 32.3220**, and if you desaturate by 10%, it is **117.3990, 83.1200, 24.4640**.

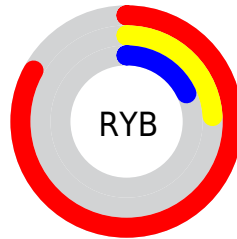
Distribution



Red (83%)

Green (23%)

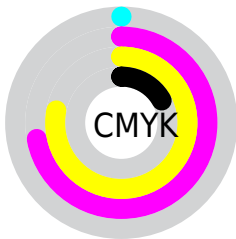
Blue (18%)



Red (83%)

Yellow (24%)

Blue (18%)

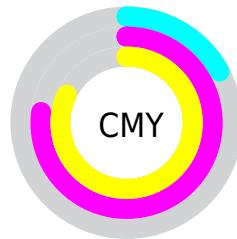


Cyan (0%)

Magenta (72%)

Yellow (78%)

Black (17%)



Cyan (17%)


Magenta (77%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.2650, 95.3610, 28.3930 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 103.2650, 95.3610, 28.3930 by changing the saturation by 10% instead.


 103.2650, 95.3610,
28.3930


 103.2650, 95.3610,
28.3930


255.0000, -0.0000,
-0.0000


 70.6440, 92.9760,
33.0720


 154.9390, 90.2270,
22.3150


 44.5510, 88.8040,
31.5880


 174.3390, 74.1810,
15.7570


 35.2820, 70.3280,
25.0160


 194.3260, 57.8600,
8.6760

 26.0130, 51.8520,
18.4440

 213.7260, 41.8140,
2.1180

 18.2820, 34.7970,
13.6530

 234.5280, 24.5760,
-4.8640

 6.5780, 13.1120,
4.6640

 251.8080, 8.9880,

 0.0000, 0.0000,

-8.7080

0.0000

■ 103.2650, 95.3610,
28.3930

■ 103.2650, 95.3610,
28.3930

■ 89.1310, 107.6020,
32.3220

■ 117.3990, 83.1200,
24.4640

■ 75.5840, 119.5680,
35.7280

■ 131.0600, 70.8330,
21.3690

■ 72.7800, 121.9520,
36.5760

■ 145.1940, 58.5920,
17.4400

■ 158.7410, 46.6260,
14.0340

■ 172.8750, 34.3850,
10.1050

■ 186.4220, 22.4190,
6.6990

■ 200.6700, 9.8570,
3.0810

■ 214.2170, -2.1090,
-0.3250

■ 228.3510,
-14.3500, -4.2540

Harmonies

Analogous

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



95.1860, 89.7150, 64.6510



103.2650, 95.3610, 28.3930



108.1120, 81.1090, -10.6910

Triad

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



103.2650, 95.3610, 28.3930



88.6610, -58.1270, -53.4150



97.8000, -110.0400, 11.8800

Complementary

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



103.2650, 95.3610, 28.3930



154.7350, -95.3610, -28.3930

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.



105.3510, -110.6340, 0.6140



103.2650, 95.3610, 28.3930



97.8320, -79.8170, -34.7690

Square

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



103.2650, 95.3610, 28.3930



95.7230, 0.0560, -56.1040



104.0850, -98.8020, -15.5860



117.1990, -17.7520, 46.4080

Rectangle

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



103.2650, 95.3610, 28.3930



108.5230, 57.3620, -26.3660



104.0850, -98.8020, -15.5860



101.3220, -111.6900, 8.7420

Sweetspot

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



103.2650, 95.3610, 28.3930



216.5760, 33.7890, 9.8930



113.3040, 49.1810, 83.3970



104.5250, 20.6310, 6.0630



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.



103.2650, 95.3610, 28.3930



97.9130, 137.8150, 40.9430



150.8120, 73.0860, -13.9700



99.8760, 6.2810, 1.8090



58.7600, 98.3410, 29.4530



14.6180, 24.8030, 7.5470

Inverse Universe

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



154.7350, -95.3610, -28.3930



172.0870, -137.8150, -40.9430



107.1880, -73.0860, 13.9700



103.1240, -6.2810, -1.8090



112.2400, -98.3410, -29.4530



28.3820, -24.8030, -7.5470

Previews

White Background



This preview shows how the YIQ color 103.2650, 95.3610, 28.3930 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 103.2650, 95.3610, 28.3930 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 103.2650, 95.3610, 28.3930

Background



This preview shows how black text looks on a background with the YIQ color 103.2650, 95.3610, 28.3930.



This preview shows how white text looks on a background with the YIQ color 103.2650, 95.3610,

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

103.2650, 95.3610, 28.3930

Protanopia

113.5460, 24.1650, -13.9390

Deuteranopia

112.1000, 45.8520, -16.0040



Tritanopia

103.5730, 91.7380, 33.4820

Trichromacy



Original Color

103.2650, 95.3610, 28.3930

Protanomaly

109.8040, 50.3420, 1.7500

Deuteranomaly

108.5790, 64.0970, 0.2650

Tritanomaly

103.5900, 93.0680, 31.4040

Monochromacy



Original Color

103.2650, 95.3610, 28.3930

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.1740, 34.9810, 10.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.2650, 95.3610, 28.3930 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(212, 59, 46)` looks like.

```
.text, #text, p{  
    color:rgb(212, 59, 46)  
}
```

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(212, 59, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 59, 46) }
```

Border

The CSS property to change the border of an element to YIQ 103.2650, 95.3610, 28.3930 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(212, 59, 46) }
```


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

```
.border{ border-color:rgb(212, 59, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 59, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 59, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 59, 46);  
box-shadow:4px 4px 4px 4px rgb(212, 59,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 103.2650, 95.3610, 28.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 59, 46) }
```

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

```
.background{ background-color: rgb(212, 59,  
46) }
```

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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