

Converting Colors

YIQ(100.7050, 91.0060, 24.7180)

Have a look what the booklet for
YIQ(100.7050, 91.0060, 24.7180)
contains.

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Color

**YIQ(100.7050, 91.0060,
24.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3C2A
RGB	203, 60, 42
RGB Percent	80%, 24%, 16%
CMY	0.2036, 0.7649, 0.8349
CMYK	0.00, 0.70, 0.79, 0.20
HSL	7°, 66%, 48%
HSV	7°, 79%, 80%
XYZ	26.6838, 16.1016, 3.9010
YIQ	100.7050, 91.0060, 24.7180

Conversions

Conversions Part 2

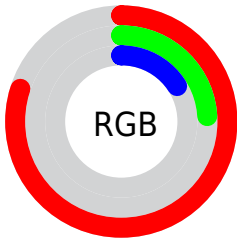
Format	Color
RYB	203, 62, 42
Decimal	13319210
CIELab	47.11, 55.38, 42.87
CIElCh	47, 70.037, 37.745
Yxy	16.1016, 0.5716, 0.3449
Android (android.graphics.Color)	4291509290 (0xFFCB3C2A)
YUV	100.7050, -28.9416, 89.7127
Hunter-Lab	40.1268, 48.4785, 22.3247

Details

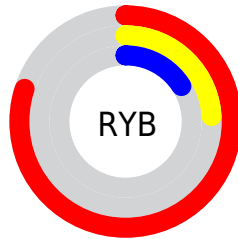
The YIQ color **100.7050, 91.0060, 24.7180** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **144.2950, -91.0060, -24.7180**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4830, 91.5110, 21.0710**, and **42.1590, 84.0360, 29.8920** is the 20% darker color. If you saturate the color by 10%, you get **87.8590, 102.3760, 27.9120**, and if you desaturate by 10%, it is **113.5510, 79.6360, 21.5240**.

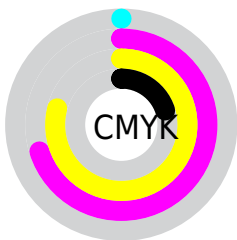
Distribution



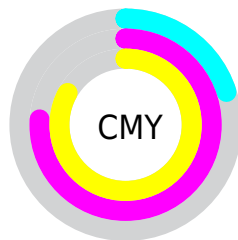
- Red (80%)
- Green (24%)
- Blue (16%)



- Red (80%)
- Yellow (24%)
- Blue (16%)



- Cyan (0%)
- Magenta (70%)
- Yellow (79%)
- Black (20%)



- Cyan (20%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.7050, 91.0060, 24.7180 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 100.7050, 91.0060, 24.7180 by changing the saturation by 10% instead.

100.7050, 91.0060,
24.7180

100.7050, 91.0060,
24.7180

255.0000, -0.0000,
-0.0000

70.1440, 88.3920,
28.0400

154.4830, 91.5110,
21.0710

42.1590, 84.0360,
29.8920

173.7690, 75.7860,
14.2020

32.8900, 65.5600,
23.3200

193.1690, 59.7400,
7.6440

23.9200, 47.6800,
16.9600

212.6830, 43.3730,
1.3970

15.7760, 30.3500,
11.6460

232.7840, 26.7310,
-5.3730

0.0000, 0.0000,
0.0000

251.2380, 10.5930,

-10.2630

254.5440, 1.2840,
-1.2440

■ 100.7050, 91.0060,
24.7180

■ 100.7050, 91.0060,
24.7180

■ 87.8590, 102.3760,
27.9120

■ 113.5510, 79.6360,
21.5240

■ 74.8990, 114.0670,
30.7950

■ 126.5110, 67.9450,
18.6410

■ 74.1980, 114.6630,
31.0070

■ 139.3570, 56.5750,
15.4470

■ 152.2030, 45.2050,
12.2530

■ 165.1630, 33.5140,
9.3700

■ 178.0090, 22.1440,
6.1760

■ 190.8550, 10.7740,
2.9820

■ 203.8150, -0.9170,
0.0990

■ 216.6610,
-12.2870, -3.0950

Harmonies

Analogous

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



93.7570, 86.3690, 59.2090



100.7050, 91.0060, 24.7180



104.8340, 76.0200, -12.0760

Triad

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



100.7050, 91.0060, 24.7180



85.9540, -57.3940, -50.1780



93.1380, -105.1800, 11.9080

Complementary

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



100.7050, 91.0060, 24.7180



144.2950, -91.0060, -24.7180

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.



101.5040, -106.6910, 0.7410



100.7050, 91.0060, 24.7180



94.7830, -78.1210, -32.4650

Square

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



100.7050, 91.0060, 24.7180



91.5810, -2.4200, -55.2840



100.6940, -96.1430, -14.2150



114.0100, -12.8460, 45.6020

Rectangle

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



100.7050, 91.0060, 24.7180



104.9570, 53.1440, -27.0160



100.6940, -96.1430, -14.2150



97.3610, -107.4260, 8.5580

Sweetspot

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



100.7050, 91.0060, 24.7180



216.3480, 34.4310, 9.2710



106.6690, 49.4110, 79.2270



104.4110, 20.9520, 5.7520



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.



100.7050, 91.0060, 24.7180



101.2070, 136.8070, 37.1830



147.0780, 69.2810, -16.5990



95.5770, 5.6850, 1.5970



60.2000, 93.9860, 25.7780



13.7100, 21.5480, 5.9640

Inverse Universe

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



144.2950, -91.0060, -24.7180



166.7930, -136.8070, -37.1830



97.9220, -69.2810, 16.5990



98.4230, -5.6850, -1.5970



105.2130, -93.7110, -25.2550



24.2900, -21.5480, -5.9640

Previews

White Background



This preview shows how the YIQ color 100.7050, 91.0060, 24.7180 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 100.7050, 91.0060, 24.7180 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 100.7050, 91.0060, 24.7180

Background



This preview shows how black text looks on a background with the YIQ color 100.7050, 91.0060, 24.7180.



This preview shows how white text looks on a background with the YIQ color 100.7050, 91.0060,

24.7180.

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

100.7050, 91.0060, 24.7180

Protanopia

109.9050, 24.5320, -15.0840

Deuteranopia

108.3880, 44.9810, -16.7390



Tritanopia

101.8820, 86.3740, 31.5740

Trichromacy



Original Color

100.7050, 91.0060, 24.7180

Protanomaly

106.8530, 48.6460, -0.5540

Deuteranomaly

105.7420, 62.0800, -1.7280

Tritanomaly

101.6710, 88.3460, 28.8740

Monochromacy



Original Color

100.7050, 91.0060, 24.7180

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.8640, 32.9180, 9.1580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.7050, 91.0060, 24.7180 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(203, 60, 42)` looks like.

```
.text, #text, p{  
    color:rgb(203, 60, 42)  
}
```

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(203, 60, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 60, 42) }
```

Border

The CSS property to change the border of an element to YIQ 100.7050, 91.0060, 24.7180 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(203, 60, 42) }
```


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

```
.border{ border-color:rgb(203, 60, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 60, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 60, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 60, 42);  
box-shadow:4px 4px 4px 4px rgb(203, 60,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 100.7050, 91.0060, 24.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 60, 42) }
```

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

```
.background{ background-color: rgb(203, 60,  
42) }
```

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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