

Converting Colors

YIQ(151.4630, 83.9540,
-23.7100)

Have a look what the booklet for
YIQ(151.4630, 83.9540, -23.7100)
contains.

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Color

**YIQ(151.4630, 83.9540,
-23.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	D99012
RGB	217, 144, 18
RGB Percent	85%, 56%, 7%
CMY	0.1489, 0.4354, 0.9289
CMYK	0.00, 0.34, 0.92, 0.15
HSL	38°, 85%, 46%
HSV	38°, 92%, 85%
XYZ	38.7011, 34.7366, 5.2421
YIQ	151.4630, 83.9540, -23.7100

Conversions

Conversions Part 2

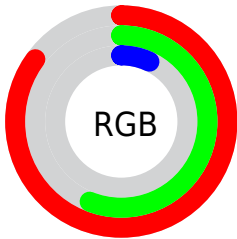
Format	Color
R_{YB}	133, 217, 18
Decimal	14258194
CIE _{Lab}	65.54, 19.12, 67.83
CIE _{LCh}	66, 70.476, 74.262
Yxy	34.7366, 0.4919, 0.4415
Android (android.graphics.Color)	4292448274 (0xFFD99012)
YUV	151.4630, -65.7973, 57.4759
Hunter-Lab	58.9378, 14.0699, 35.9830

Details

The YIQ color **151.4630, 83.9540, -23.7100** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **83.5370, -83.9540, 23.7100**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.5910, 71.8500, -24.6140**, and **101.8220, 67.1260, -16.0900** is the 20% darker color. If you saturate the color by 10%, you get **145.3020, 91.6570, -25.6470**, and if you desaturate by 10%, it is **158.6670, 74.6920, -21.0520**.

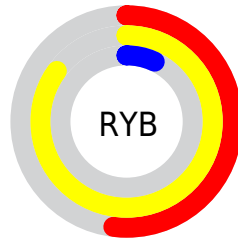
Distribution



Red (85%)

Green (56%)

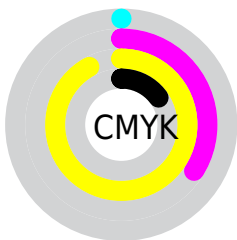
Blue (7%)



Red (52%)

Yellow (85%)

Blue (7%)

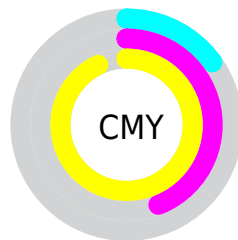


Cyan (0%)

Magenta (34%)

Yellow (92%)

Black (15%)



Cyan (15%)

Magenta (44%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.4630, 83.9540, -23.7100 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 151.4630, 83.9540, -23.7100 by changing the saturation by 10% instead.

151.4630, 83.9540,
-23.7100

151.4630, 83.9540,
-23.7100

255.0000, -0.0000,
-0.0000

124.8800, 78.4060,
-22.2820

201.5910, 71.8500,
-24.6140

101.8220, 67.1260,
-16.0900

221.2190, 55.1620,
-30.5500

79.0630, 56.4420,
-9.6860

240.7330, 38.7950,
-36.7970

56.8910, 45.4830,
-3.8050

244.5120, 29.5320,
-28.6120

36.1920, 34.5700,
1.2420

247.7040, 20.5440,
-19.9040

15.5040, 25.1240,
7.2360

251.0100, 11.2350,

0.0000, 0.0000,

-10.8850

0.0000

254.3160, 1.9260,
-1.8660

151.4630, 83.9540,
-23.7100

151.4630, 83.9540,
-23.7100

145.3020, 91.6570,
-25.6470

158.6670, 74.6920,
-21.0520

165.8710, 65.4300,
-18.3940

172.9610, 56.4890,
-16.0470

180.1650, 47.2270,
-13.3890

187.3690, 37.9650,
-10.7310

■ 194.4590, 29.0240,
-8.3840

■ 201.6630, 19.7620,
-5.7260

■ 208.8670, 10.5000,
-3.0680

■ 215.9570, 1.5590,
-0.7210

Harmonies

Analogous

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



153.2460, 96.3720, 15.5720



151.4630, 83.9540, -23.7100



145.8800, 50.9020, -52.4740

Triad

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



151.4630, 83.9540, -23.7100



132.3750, -112.3230, -40.3790



163.4360, 3.7500, 53.2060

Complementary

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



151.4630, 83.9540, -23.7100



83.5370, -83.9540, 23.7100

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.



145.1600, -75.8830, 15.1010



151.4630, 83.9540, -23.7100



137.2260, -130.1160, -20.7720

Square

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



151.4630, 83.9540, -23.7100



123.2040, -90.6330, -59.0250



132.3820, -130.2550, -12.7430



157.7620, 61.6100, 61.8820

Rectangle

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



151.4630, 83.9540, -23.7100



142.0830, 7.8500, -54.1820



132.3820, -130.2550, -12.7430



161.2050, -17.8890, 43.3830

Sweetspot

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



151.4630, 83.9540, -23.7100



232.4590, 29.0240, -8.3840



86.1650, 94.2080, 65.8240



114.5210, 17.2860, -4.9060



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.



151.4630, 83.9540, -23.7100



170.7520, 107.7050, -30.1430



187.4370, 50.1710, -66.7650



106.3980, 4.6310, -1.3290



116.2970, 72.8580, -20.8540



30.7770, 19.4410, -5.4150

Inverse Universe

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



83.5370, -83.9540, 23.7100



84.2480, -107.7050, 30.1430



47.5630, -50.1710, 66.7650



102.6020, -4.6310, 1.3290



57.2900, -73.1330, 20.3310



15.2230, -19.4410, 5.4150

Previews

White Background



This preview shows how the YIQ color 151.4630, 83.9540, -23.7100 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 151.4630, 83.9540, -23.7100 looks on a 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 ✓ Pass

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

YIQ 151.4630, 83.9540, -23.7100

Background



This preview shows how black text looks on a background with the YIQ color 151.4630, 83.9540, -23.7100.



This preview shows how white text looks on a background with the YIQ color 151.4630, 83.9540, -23.7100.

-23.7100.

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

151.4630, 83.9540, -23.7100

Protanopia

150.3620, 55.8970, -38.3670

Deuteranopia

149.4910, 77.5830, -34.9050



Tritanopia

161.7510, 49.8340, 21.9780

Trichromacy



Original Color

151.4630, 83.9540, -23.7100

Protanomaly

150.4990, 65.9370, -33.0950

Deuteranomaly

149.7950, 79.7830, -30.7210

Tritanomaly

158.2570, 62.3080, 5.1560

Monochromacy



Original Color

151.4630, 83.9540, -23.7100

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.9430, 30.5370, -8.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.4630, 83.9540, -23.7100 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(217, 144, 18)` looks like.

```
.text, #text, p{  
    color:rgb(217, 144, 18)  
}
```

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(217, 144, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 144, 18) }
```

Border

The CSS property to change the border of an element to YIQ 151.4630, 83.9540, -23.7100 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(217, 144, 18) }
```


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

```
.border{ border-color:rgb(217, 144, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 144, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 144, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 144, 18);  
box-shadow:4px 4px 4px 4px rgb(217, 144,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 151.4630, 83.9540, -23.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 144, 18) }
```

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

```
.background{ background-color: rgb(217,  
144, 18) }
```

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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