

Converting Colors

YIQ(151.4150, 75.8820, -9.5740)

Have a look what the booklet for
YIQ(151.4150, 75.8820, -9.5740)
contains.

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Color

**YIQ(151.4150, 75.8820,
-9.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	DA8933
RGB	218, 137, 51
RGB Percent	85%, 54%, 20%
CMY	0.1450, 0.4629, 0.7996
CMYK	0.00, 0.37, 0.77, 0.14
HSL	31°, 69%, 53%
HSV	31°, 77%, 86%
XYZ	38.4645, 33.0323, 7.4914
YIQ	151.4150, 75.8820, -9.5740

Conversions

Conversions Part 2

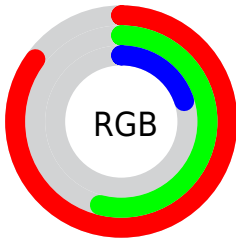
Format	Color
R_{YB}	208, 218, 51
Decimal	14321971
CIE _{Lab}	64.19, 24.20, 56.30
CIE _{LCh}	64, 61.283, 66.738
Yxy	33.0323, 0.4870, 0.4182
Android (android.graphics.Color)	4292512051 (0xFFDA8933)
YUV	151.4150, -49.5046, 58.3950
Hunter-Lab	57.4738, 18.8825, 32.5035

Details

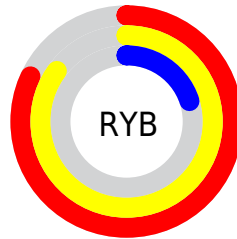
The YIQ color **151.4150, 75.8820, -9.5740** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle muted orange. A complement of this color would be **117.5850, -75.8820, 9.5740**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.1040, 66.3920, -13.8000**, and **98.3110, 70.2430, -12.0050** is the 20% darker color. If you saturate the color by 10%, you get **142.4500, 85.9690, -10.6630**, and if you desaturate by 10%, it is **160.3800, 65.7950, -8.4850**.

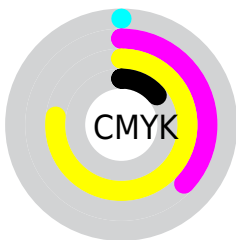
Distribution



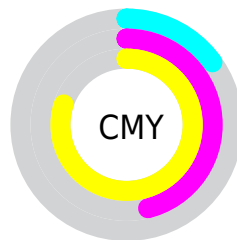
- Red (85%)
- Green (54%)
- Blue (20%)



- Red (82%)
- Yellow (85%)
- Blue (20%)



- Cyan (0%)
- Magenta (37%)
- Yellow (77%)
- Black (14%)





- Cyan (15%)
- Magenta (46%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.4150, 75.8820, -9.5740 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 151.4150, 75.8820, -9.5740 by changing the saturation by 10% instead.


 151.4150, 75.8820,
-9.5740


 151.4150, 75.8820,
-9.5740


255.0000, -0.0000,
-0.0000


 123.9910, 74.1400,
-11.0440


 200.1040, 66.3920,
-13.8000


 98.3110, 70.2430,
-12.0050


 219.6180, 50.0250,
-20.0470


 75.2530, 58.9630,
-5.8130


 239.1320, 33.6580,
-26.2940

 53.0810, 48.0040,
0.0680

 246.9060, 22.7910,
-22.0810

 31.7950, 37.3660,
5.6380

 250.2120, 13.4820,
-13.0620

 13.4550, 26.8200,
9.5400

 253.4040, 4.4940,

 0.0000, 0.0000,

-4.3540

0.0000

■ 151.4150, 75.8820,
-9.5740

■ 151.4150, 75.8820,
-9.5740

■ 142.4500, 85.9690,
-10.6630

■ 160.3800, 65.7950,
-8.4850

■ 134.0720, 95.7810,
-12.2750

■ 168.7580, 55.9830,
-6.8730

■ 130.9260, 99.1280,
-12.3600

■ 177.7230, 45.8960,
-5.7840

■ 185.9870, 36.4050,
-4.4830

■ 194.9520, 26.3180,
-3.3940

■ 203.3300, 16.5060,
-1.7820

■ 212.2950, 6.4190,
-0.6930

■ 221.2600, -3.6680,
0.3960

■ 229.5240,
-13.1590, 1.6970

Harmonies

Analogous

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



152.2590, 86.3300, 21.3540



151.4150, 75.8820, -9.5740



147.7620, 49.0190, -34.8610

Triad

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



151.4150, 75.8820, -9.5740



125.8720, -103.6570, -43.2490



159.6740, -12.0200, 41.6440

Complementary

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



151.4150, 75.8820, -9.5740



117.5850, -75.8820, 9.5740

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.



138.2610, -92.5250, 8.3310



151.4150, 75.8820, -9.5740



130.7400, -120.1200, -25.7200

Square

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



151.4150, 75.8820, -9.5740



117.6130, -84.5350, -59.4070



130.6210, -129.4300, -11.1740



158.2000, 42.4010, 52.0730

Rectangle

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



151.4150, 75.8820, -9.5740



144.1650, 19.7230, -43.5810



130.6210, -129.4300, -11.1740



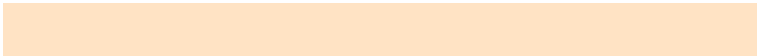
157.1380, -34.1180, 34.6340

Sweetspot

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



151.4150, 75.8820, -9.5740



231.8380, 26.6390, -3.7050



110.5090, 72.5680, 61.5280



113.3300, 16.5060, -1.7820



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.



151.4150, 75.8820, -9.5740



161.2920, 106.7850, -13.4630



198.9620, 53.6070, -51.9370



105.2240, 5.1810, -0.2830



103.9700, 78.6330, -9.8710



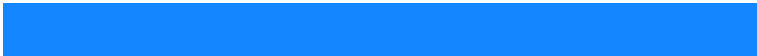
27.8420, 20.8160, -2.8000

Inverse Universe

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



117.5850, -75.8820, 9.5740



113.7080, -106.7850, 13.4630



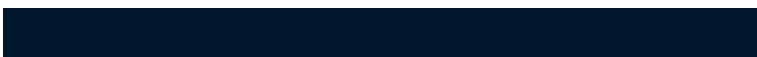
70.0380, -53.6070, 51.9370



103.1890, -4.9060, 0.8060



69.0300, -78.6330, 9.8710



18.1580, -20.8160, 2.8000

Previews

White Background



This preview shows how the YIQ color 151.4150, 75.8820, -9.5740 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 151.4150, 75.8820, -9.5740 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 151.4150, 75.8820, -9.5740

Background



This preview shows how black text looks on a background with the YIQ color 151.4150, 75.8820, -9.5740.



This preview shows how white text looks on a background with the YIQ color 151.4150, 75.8820, -9.5740.

-9.5740.

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

151.4150, 75.8820, -9.5740

Protanopia

149.9820, 42.8280, -27.2840

Deuteranopia

150.8380, 61.0290, -21.2350



Tritanopia

157.5450, 53.4100, 23.2500

Trichromacy



Original Color

151.4150, 75.8820, -9.5740

Protanomaly

150.4290, 54.9310, -20.8530

Deuteranomaly

150.9960, 66.5760, -17.1360

Tritanomaly

155.0600, 61.6650, 11.3050

Monochromacy



Original Color

151.4150, 75.8820, -9.5740

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.1370, 27.2350, -3.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.4150, 75.8820, -9.5740 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(218, 137, 51)` looks like.

```
.text, #text, p{  
    color:rgb(218, 137, 51)  
}
```

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(218, 137, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 137, 51) }
```

Border

The CSS property to change the border of an element to YIQ 151.4150, 75.8820, -9.5740 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(218, 137, 51) }
```


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

```
.border{ border-color:rgb(218, 137, 51) }
```

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

Here you see how a box with a 4 pixel rgb(218, 137, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 137, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 137, 51);  
box-shadow:4px 4px 4px 4px rgb(218, 137,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 151.4150, 75.8820, -9.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 137, 51) }
```

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

```
.background{ background-color: rgb(218,  
137, 51) }
```

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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