

Converting Colors

YIQ(152.1430, 62.6290, 4.8450)

Have a look what the booklet for
YIQ(152.1430, 62.6290, 4.8450)
contains.

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Color

**YIQ(152.1430, 62.6290,
4.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	D7845B
RGB	215, 132, 91
RGB Percent	84%, 52%, 36%
CMY	0.1567, 0.4825, 0.6429
CMYK	0.00, 0.39, 0.58, 0.16
HSL	20°, 61%, 60%
HSV	20°, 58%, 84%
XYZ	38.1751, 31.7033, 14.0210
YIQ	152.1430, 62.6290, 4.8450

Conversions

Conversions Part 2

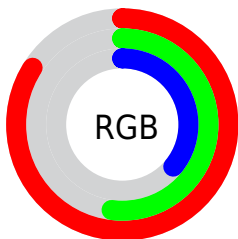
Format	Color
RYB	215, 152, 91
Decimal	14124123
CIELab	63.10, 27.97, 35.38
CIElCh	63, 45.101, 51.668
Yxy	31.7033, 0.4550, 0.3779
Android (android.graphics.Color)	4292314203 (0xFFD7845B)
YUV	152.1430, -30.1435, 55.1256
Hunter-Lab	56.3057, 22.4877, 24.6498

Details

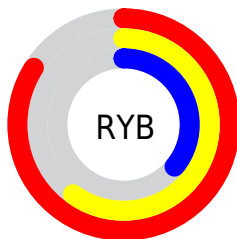
The YIQ color **152.1430, 62.6290, 4.8450** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **153.8570, -62.6290, -4.8450**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.6150, 55.2480, 0.9440**, and **99.2070, 56.5770, 4.3930** is the 20% darker color. If you saturate the color by 10%, you get **141.5310, 73.2200, 5.6360**, and if you desaturate by 10%, it is **162.8690, 51.7170, 4.3650**.

Distribution



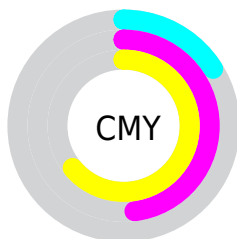
- Red (84%)
- Green (52%)
- Blue (36%)



- Red (84%)
- Yellow (60%)
- Blue (36%)



- Cyan (0%)
- Magenta (39%)
- Yellow (58%)
- Black (16%)





- Cyan (16%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.1430, 62.6290, 4.8450 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 152.1430, 62.6290, 4.8450 by changing the saturation by 10% instead.


 152.1430, 62.6290,
4.8450


 152.1430, 62.6290,
4.8450


255.0000, -0.0000,
-0.0000


 125.1750, 59.6030,
4.6190


 201.6150, 55.2480,
0.9440

 99.2070, 56.5770,
4.3930


 221.1290, 38.8810,
-5.3030

 74.1250, 53.8720,
3.8560


 240.6430, 22.5140,
-11.5500

 49.8580, 50.2500,
3.4180

 251.4660, 9.9510,
-9.6410

 27.3980, 40.1620,
10.0340

254.7720, 0.6420,
-0.6220

 13.7540, 27.4160,
9.7520

 0.0000, 0.0000,

0.0000

■ 152.1430, 62.6290,
4.8450

■ 152.1430, 62.6290,
4.8450

■ 141.5310, 73.2200,
5.6360

■ 162.8690, 51.7170,
4.3650

■ 130.2180, 84.4070,
6.6390

■ 174.0680, 40.8510,
3.0510

■ 119.6060, 94.9980,
7.4300

■ 184.7940, 29.9390,
2.5710

■ 108.2930,
106.1850, 8.4330

■ 195.9930, 19.0730,
1.2570

■ 105.9620,
108.6150, 8.4470

■ 206.7190, 8.1610,
0.7770

■ 217.3310, -2.4300,
-0.0140

■ 228.6440,
-13.6170, -1.0170

■ 238.3440,
-21.6400, -4.2960

■ 243.0400,
-23.8400, -8.4800

Harmonies

Analogous

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



153.4490, 62.4880, 23.9280



152.1430, 62.6290, 4.8450



150.4100, 47.9150, -14.8450

Triad

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



152.1430, 62.6290, 4.8450



122.2950, -82.9790, -43.5470



153.4290, -31.0440, 22.9720

Complementary

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



152.1430, 62.6290, 4.8450



153.8570, -62.6290, -4.8450

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.



135.3180, -88.6720, -0.9280



152.1430, 62.6290, 4.8450



122.1850, -105.6760, -34.1880

Square

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



152.1430, 62.6290, 4.8450



140.3290, -18.4250, -35.0410



123.7130, -115.4900, -21.5220



157.4470, 13.2440, 35.3240

Rectangle

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



152.1430, 62.6290, 4.8450



147.5170, 31.1360, -24.6400



123.7130, -115.4900, -21.5220



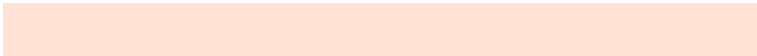
149.9430, -47.4110, 16.7250

Sweetspot

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



152.1430, 62.6290, 4.8450



233.0750, 21.7780, 1.7940



137.7660, 46.6190, 52.7230



114.4700, 13.2960, 1.3280



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.



152.1430, 62.6290, 4.8450



165.6700, 88.9460, 6.9780



187.3630, 46.1290, -26.5350



101.6370, 5.4560, 0.2400



84.0010, 86.5160, 6.9640



21.0750, 21.7780, 1.7940

Inverse Universe

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



153.8570, -62.6290, -4.8450



168.3300, -88.9460, -6.9780



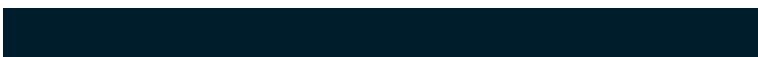
118.6370, -46.1290, 26.5350



101.9500, -5.7310, -0.7630



86.4120, -86.2410, -6.4410



21.9250, -21.7780, -1.7940

Previews

White Background



This preview shows how the YIQ color 152.1430, 62.6290, 4.8450 looks on a white background.

Color Contrast Check

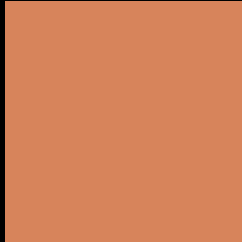
Large Text (above 18pt) WCAG AA × Fail

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 152.1430, 62.6290, 4.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

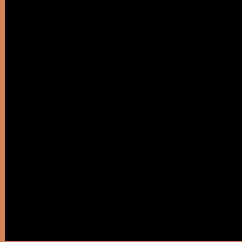
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.1430, 62.6290, 4.8450

Background



This preview shows how black text looks on a background with the YIQ color 152.1430, 62.6290, 4.8450.



This preview shows how white text looks on a background with the YIQ color 152.1430, 62.6290,

4.8450.

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

152.1430, 62.6290, 4.8450

Protanopia

151.0300, 25.6780, -13.8260

Deuteranopia

151.3480, 42.4580, -9.5580



Tritanopia

154.6480, 51.6220, 22.6140

Trichromacy



Original Color

152.1430, 62.6290, 4.8450

Protanomaly

151.0750, 38.9730, -6.9710

Deuteranomaly

151.8160, 50.0680, -4.3000

Tritanomaly

153.6990, 55.6120, 16.3800

Monochromacy



Original Color

152.1430, 62.6290, 4.8450

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.2600, 22.6950, 1.6950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.1430, 62.6290, 4.8450 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(215, 132, 91)` looks like.

```
.text, #text, p{  
    color:rgb(215, 132, 91)  
}
```

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(215, 132, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 132, 91) }
```

Border

The CSS property to change the border of an element to YIQ 152.1430, 62.6290, 4.8450 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(215, 132, 91) }
```


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

```
.border{ border-color:rgb(215, 132, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 132, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 132, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 132, 91);  
box-shadow:4px 4px 4px 4px rgb(215, 132,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 152.1430, 62.6290, 4.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 132, 91) }
```

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

```
.background{ background-color: rgb(215,  
132, 91) }
```

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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