

Converting Colors

YIQ(152.6210, 64.2790, 7.9830)

Have a look what the booklet for
YIQ(152.6210, 64.2790, 7.9830)
contains.

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Color

**YIQ(152.6210, 64.2790,
7.9830)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DB825F |
| RGB | 219, 130, 95 |
| RGB Percent | 86%, 51%, 37% |
| CMY | 0.1410, 0.4903, 0.6272 |
| CMYK | 0.00, 0.41, 0.57, 0.14 |
| HSL | 17°, 63%, 62% |
| HSV | 17°, 57%, 86% |
| XYZ | 39.2745, 31.8504, 14.9214 |
| YIQ | 152.6210, 64.2790, 7.9830 |

Conversions

Conversions Part 2

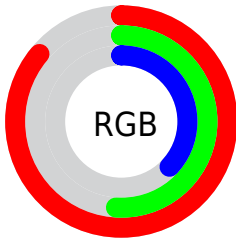
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 219, 144, 95 |
| Decimal | 14385759 |
| CIE Lab | 63.22, 30.95, 33.47 |
| CIE LCh | 63, 45.590, 47.238 |
| Yxy | 31.8504, 0.4564, 0.3702 |
| Android (android.graphics.Color) | 4292575839 (0xFFDB825F) |
| YUV | 152.6210, -28.4072, 58.2144 |
| Hunter-Lab | 56.4362, 25.4566, 23.8294 |

Details

The YIQ color **152.6210, 64.2790, 7.9830** 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 **161.3790, -64.2790, -7.9830**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **200.8970, 54.5140, 3.2340**, and **99.6850, 58.2270, 7.5310** is the 20% darker color. If you saturate the color by 10%, you get **140.7210, 75.7410, 9.5090**, and if you desaturate by 10%, it is **164.5210, 52.8170, 6.4570**.

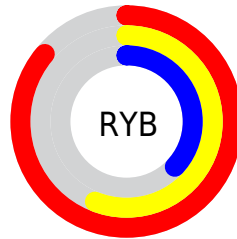
Distribution



Red (86%)

Green (51%)

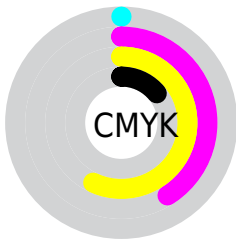
Blue (37%)



Red (86%)

Yellow (56%)

Blue (37%)

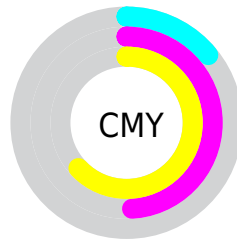


Cyan (0%)

Magenta (41%)

Yellow (57%)

Black (14%)



Cyan (14%)


Magenta (49%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.6210, 64.2790, 7.9830 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 152.6210, 64.2790, 7.9830 by changing the saturation by 10% instead.


 152.6210, 64.2790,
7.9830


 152.6210, 64.2790,
7.9830


255.0000, -0.0000,
-0.0000


 125.6530, 61.2530,
7.7570


 200.8970, 54.5140,
3.2340


 99.6850, 58.2270,
7.5310


 220.4110, 38.1470,
-3.0130


 74.4180, 54.6050,
7.0930

 239.9250, 21.7800,
-9.2600

 49.1080, 52.5420,
5.9340

 252.0360, 8.3460,
-8.0860

 25.3600, 43.3250,
13.2850

 14.6510, 29.2040,
10.3880

 1.1960, 2.3840,

0.8480

■ 0.0000, 0.0000,
0.0000

■ 152.6210, 64.2790,
7.9830

■ 152.6210, 64.2790,
7.9830

■ 140.7210, 75.7410,
9.5090

■ 164.5210, 52.8170,
6.4570

■ 128.8210, 87.2030,
11.0350

■ 175.8340, 41.6300,
5.4540

■ 117.5080, 98.3900,
12.0380

■ 187.7340, 30.1680,
3.9280

■ 105.6080,
109.8520, 13.5640

■ 199.6340, 18.7060,
2.4020

■ 101.8750,
113.4740, 14.0020

■ 211.5340, 7.2440,
0.8760

■ 222.8470, -3.9430,
-0.1270

■ 234.6330,
-15.0840, -1.9640

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



154.1440, 62.0290, 26.7410



152.6210, 64.2790, 7.9830



150.8450, 51.1240, -12.4280

Triad

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



152.6210, 64.2790, 7.9830



127.8900, -68.5370, -40.9610



151.9550, -38.5170, 20.7390

Complementary

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



152.6210, 64.2790, 7.9830



161.3790, -64.2790, -7.9830

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.



125.7280, -110.6780, -9.6060



152.6210, 64.2790, 7.9830



122.2020, -104.3460, -36.2660

Square

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



152.6210, 64.2790, 7.9830



141.2650, -12.3730, -34.5890



124.5450, -115.0770, -23.5010



157.3970, 7.5130, 34.5610

Rectangle

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



152.6210, 64.2790, 7.9830



148.6100, 35.3080, -23.1560



124.5450, -115.0770, -23.5010



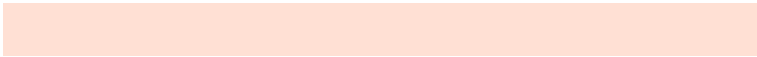
147.4580, -56.3510, 13.5450

Sweetspot

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



152.6210, 64.2790, 7.9830



231.9010, 22.3280, 2.8400



142.4500, 44.6930, 54.5890



113.8830, 13.5710, 1.8510



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.



152.6210, 64.2790, 7.9830



161.9030, 89.9080, 11.5720



187.8410, 47.7790, -23.3970



104.0500, 5.7310, 0.7630



80.4900, 89.6330, 11.0490



21.3850, 23.8410, 2.9530

Inverse Universe

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



161.3790, -64.2790, -7.9830



174.5100, -89.6330, -11.0490



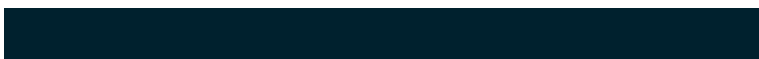
126.1590, -47.7790, 23.3970



104.9500, -5.7310, -0.7630



93.0970, -89.9080, -11.5720



24.6150, -23.8410, -2.9530

Previews

White Background



This preview shows how the YIQ color 152.6210, 64.2790, 7.9830 looks on a white background.

Color Contrast Check

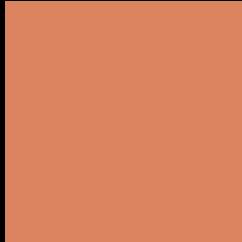
Large Text (above 18pt) WCAG AA × Fail

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 152.6210, 64.2790, 7.9830 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 152.6210, 64.2790, 7.9830

Background



This preview shows how black text looks on a background with the YIQ color 152.6210, 64.2790, 7.9830.



This preview shows how white text looks on a background with the YIQ color 152.6210, 64.2790,

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

152.6210, 64.2790, 7.9830

Protanopia

151.3010, 23.4770, -12.4830

Deuteranopia

151.8040, 41.1740, -8.3140



Tritanopia

155.0290, 54.9230, 23.3630

Trichromacy



Original Color

152.6210, 64.2790, 7.9830

Protanomaly

151.9440, 37.9640, -5.2040

Deuteranomaly

151.9840, 49.6550, -2.3210

Tritanomaly

154.3080, 58.2710, 17.7510

Monochromacy



Original Color

152.6210, 64.2790, 7.9830

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.0860, 23.2450, 2.7410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.6210, 64.2790, 7.9830 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(219, 130, 95)` looks like.

```
.text, #text, p{  
    color:rgb(219, 130, 95)  
}
```

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(219, 130, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 130, 95) }
```

Border

The CSS property to change the border of an element to YIQ 152.6210, 64.2790, 7.9830 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(219, 130, 95) }
```


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

```
.border{ border-color:rgb(219, 130, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 130, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 130, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 130, 95);  
box-shadow:4px 4px 4px 4px rgb(219, 130,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 152.6210, 64.2790, 7.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 130, 95) }
```

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

```
.background{ background-color: rgb(219,  
130, 95) }
```

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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