

Converting Colors

YIQ(156.2850, 65.1050, 4.0250)

Have a look what the booklet for
YIQ(156.2850, 65.1050, 4.0250)
contains.

YIQ(156.2850, 65.1050, 4.0250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(156.2850, 65.1050,
4.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	DD885B
RGB	221, 136, 91
RGB Percent	87%, 53%, 36%
CMY	0.1332, 0.4668, 0.6428
CMYK	0.00, 0.38, 0.59, 0.13
HSL	21°, 66%, 61%
HSV	21°, 59%, 87%
XYZ	40.5230, 33.7340, 14.2900
YIQ	156.2850, 65.1050, 4.0250

Conversions

Conversions Part 2

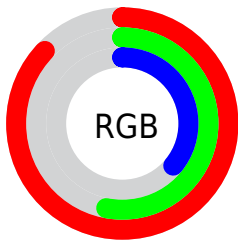
Format	Color
R_{YB}	221, 160, 91
Decimal	14518363
CIE _{Lab}	64.75, 28.26, 37.59
CIE _{LCh}	65, 47.024, 53.067
Yxy	33.7340, 0.4576, 0.3810
Android (android.graphics.Color)	4292708443 (0xFFDD885B)
YUV	156.2850, -32.1855, 56.7551
Hunter-Lab	58.0810, 22.8975, 26.0692

Details

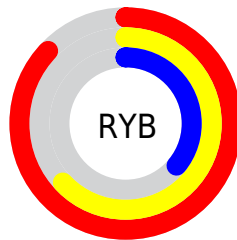
The YIQ color **156.2850, 65.1050, 4.0250** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **155.7150, -65.1050, -4.0250**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9630, 54.1480, -1.1480**, and **103.2350, 59.3740, 3.2620** is the 20% darker color. If you saturate the color by 10%, you get **145.5590, 76.0170, 4.5050**, and if you desaturate by 10%, it is **167.0110, 54.1930, 3.5450**.

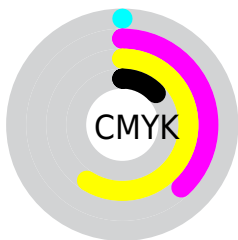
Distribution



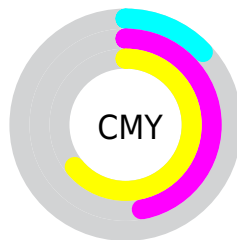
- Red (87%)
- Green (53%)
- Blue (36%)



- Red (87%)
- Yellow (63%)
- Blue (36%)



- Cyan (0%)
- Magenta (38%)
- Yellow (59%)
- Black (13%)




- Cyan (13%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.2850, 65.1050, 4.0250 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 156.2850, 65.1050, 4.0250 by changing the saturation by 10% instead.


 156.2850, 65.1050,
4.0250

 156.2850, 65.1050,
4.0250


255.0000, -0.0000,
-0.0000


 129.3170, 62.0790,
3.7990


 203.9630, 54.1480,
-1.1480

 103.2350, 59.3740,
3.2620


 223.4770, 37.7810,
-7.3950

 77.8540, 56.0730,
2.5130

 243.5780, 21.1390,
-14.1650

 53.7010, 52.1300,
2.3860

 251.5800, 9.6300,
-9.3300

 31.2410, 42.0420,
9.0020

254.7720, 0.6420,
-0.6220

 14.9500, 29.8000,
10.6000

 4.1860, 8.3440,

2.9680

■ 0.0000, 0.0000,
0.0000

■ 156.2850, 65.1050,
4.0250

■ 156.2850, 65.1050,
4.0250

■ 145.5590, 76.0170,
4.5050

■ 167.0110, 54.1930,
3.5450

■ 134.2460, 87.2040,
5.5080

■ 178.3240, 43.0060,
2.5420

■ 123.5200, 98.1160,
5.9880

■ 189.0500, 32.0940,
2.0620

■ 112.2070,
109.3030, 6.9910

■ 200.3630, 20.9070,
1.0590

■ 110.6910,
110.8160, 7.1040

■ 211.2030, 9.6740,
0.8900

■ 222.5160, -1.5130,
-0.1130

■ 233.2420,
-12.4250, -0.5930

■ 243.0730,
-19.4390, -5.6390

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



157.7160, 66.1100, 24.3660



156.2850, 65.1050, 4.0250



153.9540, 49.1990, -16.0890

Triad

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



156.2850, 65.1050, 4.0250



121.1300, -95.8160, -47.6880



158.0810, -29.9440, 25.0640

Complementary

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



156.2850, 65.1050, 4.0250



155.7150, -65.1050, -4.0250

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.



139.1760, -91.1480, -0.1080



156.2850, 65.1050, 4.0250



126.0320, -109.6190, -34.3150

Square

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



156.2850, 65.1050, 4.0250



143.4210, -21.6800, -36.6240



127.5600, -119.4330, -21.6490



162.1700, 15.5820, 37.0060

Rectangle

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



156.2850, 65.1050, 4.0250



151.7510, 30.3570, -27.0430



127.5600, -119.4330, -21.6490



154.1110, -47.8240, 18.7040

Sweetspot

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



156.2850, 65.1050, 4.0250



232.1460, 23.0160, 1.3840



139.7880, 49.5530, 54.6170



113.5410, 14.5340, 0.9180



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.



156.2850, 65.1050, 4.0250



164.5130, 90.8260, 5.9460



193.2660, 47.7800, -28.9240



104.0500, 5.7310, 0.7630



86.9470, 86.6080, 5.2960



23.1460, 23.0160, 1.3840

Inverse Universe

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



155.7150, -65.1050, -4.0250



163.9000, -90.5510, -5.4230



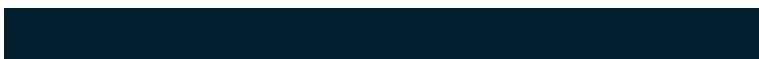
118.7340, -47.7800, 28.9240



104.3630, -5.4560, -0.2400



86.6400, -86.8830, -5.8190



22.8540, -23.0160, -1.3840

Previews

White Background



This preview shows how the YIQ color 156.2850, 65.1050, 4.0250 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 156.2850, 65.1050, 4.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

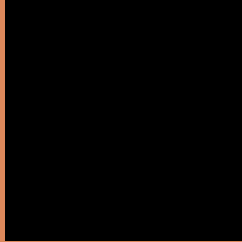
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.2850, 65.1050, 4.0250

Background



This preview shows how black text looks on a background with the YIQ color 156.2850, 65.1050, 4.0250.



This preview shows how white text looks on a background with the YIQ color 156.2850, 65.1050,

4.0250.

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

156.2850, 65.1050, 4.0250

Protanopia

155.4600, 27.2830, -15.3810

Deuteranopia

155.4900, 44.9340, -10.3780



Tritanopia

159.1320, 53.1350, 22.7270

Trichromacy



Original Color

156.2850, 65.1050, 4.0250

Protanomaly

155.8040, 41.1740, -8.3140

Deuteranomaly

155.9580, 52.5440, -5.1200

Tritanomaly

158.0690, 57.4460, 16.1820

Monochromacy



Original Color

156.2850, 65.1050, 4.0250

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.3310, 23.9330, 1.2850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.2850, 65.1050, 4.0250 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(221, 136, 91)` looks like.

```
.text, #text, p{  
    color:rgb(221, 136, 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(221, 136, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 136, 91) }
```

Border

The CSS property to change the border of an element to YIQ 156.2850, 65.1050, 4.0250 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(221, 136, 91) }
```


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

```
.border{ border-color:rgb(221, 136, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 136, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 136, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 136, 91);  
box-shadow:4px 4px 4px 4px rgb(221, 136,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 156.2850, 65.1050, 4.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 136, 91) }
```

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

```
.background{ background-color: rgb(221,  
136, 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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