

# Converting Colors

YIQ(163.3480, 51.6260, 0.5060)

Have a look what the booklet for  
YIQ(163.3480, 51.6260, 0.5060)  
contains.

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# Color

**YIQ(163.3480, 51.6260,  
0.5060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5956B
RGB	213, 149, 107
RGB Percent	84%, 58%, 42%
CMY	0.1646, 0.4158, 0.5801
CMYK	0.00, 0.30, 0.50, 0.16
HSL	24°, 56%, 63%
HSV	24°, 50%, 84%
XYZ	40.8501, 36.7001, 18.8574
YIQ	163.3480, 51.6260, 0.5060

# Conversions

## Conversions Part 2

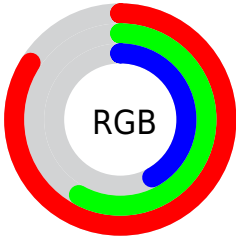
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	213, 177, 107
Decimal	13997419
CIE <sub>Lab</sub>	67.05, 19.35, 31.71
CIE <sub>LCh</sub>	67, 37.148, 58.608
Yxy	36.7001, 0.4237, 0.3807
Android (android.graphics.Color)	4292187499 (0xFFD5956B)
YUV	163.3480, -27.7796, 43.5448
Hunter-Lab	60.5806, 14.3483, 23.9507

# Details

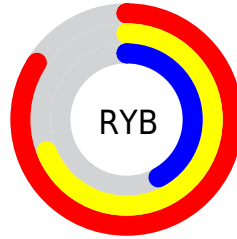
The YIQ color **163.3480, 51.6260, 0.5060** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **156.6520, -51.6260, -0.5060**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **213.5320, 45.1160, -2.6600**, and **110.5970, 46.4910, -0.0450** is the 20% darker color. If you saturate the color by 10%, you get **153.3230, 61.9420, 0.7740**, and if you desaturate by 10%, it is **173.3730, 41.3100, 0.2380**.

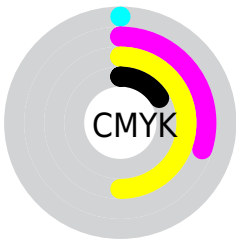
# Distribution



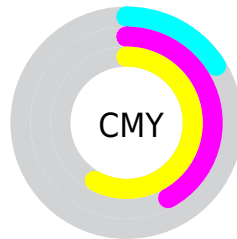
- Red (84%)
- Green (58%)
- Blue (42%)



- Red (84%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (50%)
- Black (16%)



- Cyan (16%)
- Magenta (42%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 163.3480, 51.6260, 0.5060 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 163.3480, 51.6260, 0.5060 by changing the saturation by 10% instead.



163.3480, 51.6260,  
0.5060

163.3480, 51.6260,  
0.5060

255.0000, -0.0000,  
-0.0000

136.5650, 49.5170,  
0.1810

213.5320, 45.1160,  
-2.6600

110.8960, 47.0870,  
0.1670

233.0460, 28.7490,  
-8.9070

85.8140, 44.3820,  
-0.3700

250.3260, 13.1610,  
-12.7510

61.4330, 41.0810,  
-1.1190

253.5180, 4.1730,  
-4.0430

39.1490, 36.1290,  
0.5210

19.0480, 26.4080,  
5.9920

4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,  
0.0000

■ 163.3480, 51.6260,  
0.5060

■ 163.3480, 51.6260,  
0.5060

■ 153.3230, 61.9420,  
0.7740

■ 173.3730, 41.3100,  
0.2380

■ 143.1840, 72.5790,  
0.7310

■ 183.5120, 30.6730,  
0.2810

■ 133.1590, 82.8950,  
0.9990

■ 193.5370, 20.3570,  
0.0130

■ 123.1340, 93.2110,  
1.2670

■ 202.9750, 10.3160,  
0.2680

■ 113.6960,  
103.2520, 1.0120

■ 213.1140, -0.3210,  
0.3110

■ 112.9950,  
103.8480, 1.2240

■ 223.1390,  
-10.6370, 0.0430

■ 233.0500,  
-20.6320, -0.5360

■ 240.6810,  
-24.2070, -7.3350

■ 242.4420,  
-25.0320, -8.9040

# Harmonies

## Analogous

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



165.2150, 54.0990, 16.2670



163.3480, 51.6260, 0.5060



161.0650, 35.7650, -14.9150

# Triad

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



163.3480, 51.6260, 0.5060



144.2210, -61.7990, -30.9110



165.6280, -15.5470, 22.9570

# Complementary

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



163.3480, 51.6260, 0.5060



156.6520, -51.6260, -0.5060

# 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.



157.4380, -53.5990, 7.7210



163.3480, 51.6260, 0.5060



129.2710, -108.7940, -32.7460

# Square

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



163.3480, 51.6260, 0.5060



152.4520, -22.9650, -29.8530



142.6300, -90.0910, -13.7630



167.6230, 18.3800, 30.3480



# Rectangle

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



163.3480, 51.6260, 0.5060



158.9380, 19.7650, -22.3070



142.6300, -90.0910, -13.7630



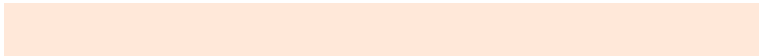
163.3490, -28.0630, 18.5050

# Sweetspot

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



163.3480, 51.6260, 0.5060



237.1670, 18.5230, 0.2110



146.1040, 42.3110, 42.6870



117.1600, 11.2330, 0.1690



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.



163.3480, 51.6260, 0.5060



183.5540, 74.4130, 0.5330



193.8720, 37.3260, -26.6900



102.2240, 5.1810, -0.2830



91.0450, 83.2160, 0.6880



22.8360, 20.9530, 0.2250



# Inverse Universe

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



156.6520, -51.6260, -0.5060



173.4460, -74.4130, -0.5330



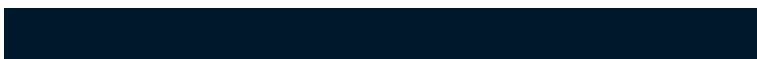
126.1280, -37.3260, 26.6900



101.3630, -5.4560, -0.2400



79.9550, -83.2160, -0.6880



20.1640, -20.9530, -0.2250



# Previews

## White Background



This preview shows how the YIQ color 163.3480, 51.6260, 0.5060 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

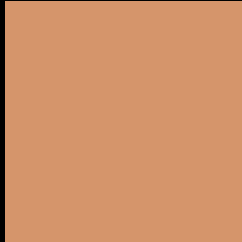
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 163.3480, 51.6260, 0.5060 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 163.3480, 51.6260, 0.5060

## Background



This preview shows how black text looks on a background with the YIQ color 163.3480, 51.6260, 0.5060.



This preview shows how white text looks on a background with the YIQ color 163.3480, 51.6260,

0.5060.

# 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

163.3480, 51.6260, 0.5060

### Protanopia

161.4860, 24.3940, -12.5820

### Deuteranopia

162.5590, 40.4860, -6.8580



## Tritanopia

166.3800, 40.5730, 19.1090

# Trichromacy



## Original Color

163.3480, 51.6260, 0.5060

## Protanomaly

162.2100, 34.1590, -7.8330

## Deuteranomaly

162.5920, 44.8870, -4.0170

## Tritanomaly

165.3170, 44.8840, 12.5640

# Monochromacy



## Original Color

163.3480, 51.6260, 0.5060

## Achromatopsia

163.0000, -0.0000, -0.0000

## Achromatomaly

163.1670, 18.5230, 0.2110

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 163.3480, 51.6260, 0.5060 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(213, 149, 107)` looks like.

```
.text, #text, p{  
    color:rgb(213, 149, 107)  
}
```

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(213, 149, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 149, 107) }
```

## Border

The CSS property to change the border of an element to YIQ 163.3480, 51.6260, 0.5060 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(213, 149, 107) }
```



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

```
.border{ border-color:rgb(213, 149, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 149, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 149, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 149, 107); box-shadow:4px 4px 4px 4px rgb(213, 149, 107) }
```

# Background

The CSS property to change the background color of an element to YIQ 163.3480, 51.6260, 0.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 149, 107) }
```

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

```
.background{ background-color: rgb(213,  
149, 107) }
```

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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