

Converting Colors

YIQ(193.7870, 30.6760,
-16.3000)

Have a look what the booklet for
YIQ(193.7870, 30.6760, -16.3000)
contains.

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Color

**YIQ(193.7870, 30.6760,
-16.3000)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D5C484 |
| RGB | 213, 196, 132 |
| RGB Percent | 84%, 77%, 52% |
| CMY | 0.1647, 0.2314, 0.4822 |
| CMYK | 0.00, 0.08, 0.38, 0.16 |
| HSL | 47°, 49%, 68% |
| HSV | 47°, 38%, 84% |
| XYZ | 51.3467, 55.2899, 29.8112 |
| YIQ | 193.7870, 30.6760, -16.3000 |

Conversions

Conversions Part 2

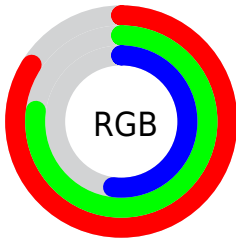
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 154, 213, 132 |
| Decimal | 14009476 |
| CIELab | 79.21, -3.16, 34.28 |
| CIELCh | 79, 34.429, 95.266 |
| Yxy | 55.2899, 0.3763, 0.4052 |
| Android (android.graphics.Color) | 4292199556 (0xFFD5C484) |
| YUV | 193.7870, -30.4610, 16.8498 |
| Hunter-Lab | 74.3571, -6.8632, 28.2795 |

Details

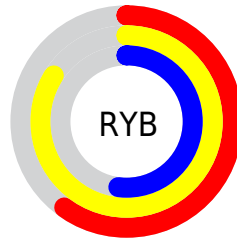
The YIQ color $193.7870, 30.6760, -16.3000$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $151.2130, -30.6760, 16.3000$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.3730, 22.9740, -19.8900$, and $139.5310, 28.5210, -15.7910$ is the 20% darker color. If you saturate the color by 10%, you get $189.0450, 38.5170, -20.7390$, and if you desaturate by 10%, it is $198.5290, 22.8350, -11.8610$.

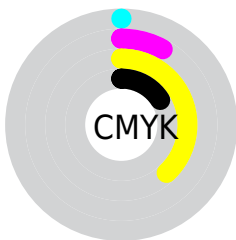
Distribution



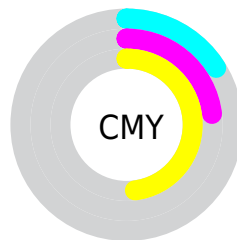
- Red (84%)
- Green (77%)
- Blue (52%)



- Red (60%)
- Yellow (84%)
- Blue (52%)



- Cyan (0%)
- Magenta (8%)
- Yellow (38%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.7870, 30.6760, -16.3000 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 193.7870, 30.6760, -16.3000 by changing the saturation by 10% instead.

■ 193.7870, 30.6760,
-16.3000

■ 193.7870, 30.6760,
-16.3000

255.0000, -0.0000,
-0.0000

■ 166.6020, 29.7590,
-16.2010

■ 245.3730, 22.9740,
-19.8900

■ 139.5310, 28.5210,
-15.7910

■ 250.3260, 13.1610,
-12.7510

■ 114.0470, 27.0080,
-15.9040

■ 253.5180, 4.1730,
-4.0430

■ 88.9760, 25.7700,
-15.4940

■ 64.8510, 24.6240,
-16.7520

■ 44.0340, 19.8550,
-12.9210

■ 24.2320, 10.7300,

-7.2380

0.0000, 0.0000,
0.0000

193.7870, 30.6760,
-16.3000

193.7870, 30.6760,
-16.3000

189.0450, 38.5170,
-20.7390

198.5290, 22.8350,
-11.8610

183.6020, 46.9540,
-24.9660

203.9720, 14.3980,
-7.6340

178.8600, 54.7950,
-29.4050

208.7140, 6.5570,
-3.1950

173.5310, 62.9110,
-33.3210

214.0430, -1.5590,
0.7210

168.7890, 70.7520,
-37.7600

218.8990, -9.7210,
5.4710

■ 163.3460, 79.1890,
-41.9870

■ 223.6580,
-16.2320, 7.8320

■ 162.3030, 80.7480,
-42.7080

■ 226.0060,
-17.3320, 5.7400

■ 228.9410,
-18.7070, 3.1250

■ 231.2890,
-19.8070, 1.0330

Harmonies

Analogous

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



196.5000, 48.1420, -2.4340



193.7870, 30.6760, -16.3000



189.8590, 3.8100, -25.0060

Triad

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



193.7870, 30.6760, -16.3000



178.1010, -78.5360, -19.4320



201.2060, 23.9280, 28.9200

Complementary

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



193.7870, 30.6760, -16.3000



151.2130, -30.6760, 16.3000

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.



199.7600, -7.1110, 24.2570



193.7870, 30.6760, -16.3000



185.1490, -69.3230, -4.6750

Square

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



193.7870, 30.6760, -16.3000



180.2260, -60.1950, -26.9390



193.1470, -39.4780, 10.6180



199.0970, 43.0480, 23.8160

Rectangle

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



193.7870, 30.6760, -16.3000



187.1430, -17.6010, -27.9450



193.1470, -39.4780, 10.6180



201.0030, 14.2540, 28.0300

Sweetspot

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



193.7870, 30.6760, -16.3000



248.2860, 10.6380, -5.5700



158.2710, 42.4980, 22.7700



123.7140, 6.5570, -3.1950



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.



193.7870, 30.6760, -16.3000



226.9870, 44.4320, -23.3120



196.8890, 12.2930, -30.0670



104.5720, 4.0810, -2.3750



130.3740, 64.7910, -34.3530



32.8150, 16.2780, -8.6660

Inverse Universe

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



151.2130, -30.6760, 16.3000



165.4260, -44.1570, 23.8350



148.1110, -12.2930, 30.0670



99.0150, -4.3560, 1.8520



40.6260, -64.7910, 34.3530



10.1850, -16.2780, 8.6660

Previews

White Background



This preview shows how the YIQ color 193.7870, 30.6760, -16.3000 looks on a white background.

Color Contrast Check

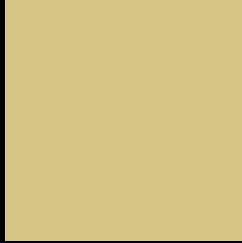
Large Text (above 18pt) WCAG AA × Fail

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 193.7870, 30.6760, -16.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

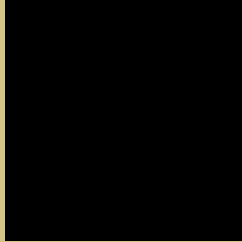
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.7870, 30.6760, -16.3000

Background



This preview shows how black text looks on a background with the YIQ color 193.7870, 30.6760, -16.3000.



This preview shows how white text looks on a background with the YIQ color 193.7870, 30.6760,

-16.3000.

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

193.7870, 30.6760, -16.3000

Protanopia

193.7870, 30.6760, -16.3000

Deuteranopia

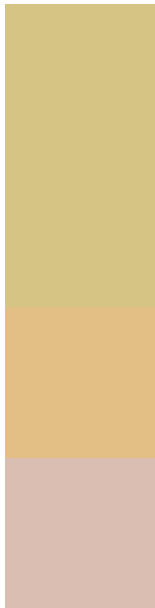
195.8970, 45.3460, -6.8300



Tritanopia

198.8760, 15.4490, 11.8730

Trichromacy



Original Color

193.7870, 30.6760, -16.3000

Protanomaly

193.7870, 30.6760, -16.3000

Deuteranomaly

195.1520, 40.0740, -10.4060

Tritanomaly

196.8900, 20.8610, 1.8930

Monochromacy



Original Color

193.7870, 30.6760, -16.3000

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0580, 11.2800, -6.1920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.7870, 30.6760, -16.3000 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, 196, 132)` looks like.

```
.text, #text, p{  
    color:rgb(213, 196, 132)  
}
```

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, 196, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 196, 132) }
```

Border

The CSS property to change the border of an element to YIQ 193.7870, 30.6760, -16.3000 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, 196, 132) }
```


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

```
.border{ border-color:rgb(213, 196, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 196, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 196, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 196, 132); box-shadow:4px 4px 4px 4px rgb(213, 196, 132) }
```

Background

The CSS property to change the background color of an element to YIQ 193.7870, 30.6760, -16.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 196, 132) }
```

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

```
.background{ background-color: rgb(213,  
196, 132) }
```

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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