

Converting Colors

YIQ(180.6660, 32.8750, -6.5890)

Have a look what the booklet for
YIQ(180.6660, 32.8750, -6.5890)
contains.

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Color

**YIQ(180.6660, 32.8750,
-6.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B085
RGB	208, 176, 133
RGB Percent	82%, 69%, 52%
CMY	0.1843, 0.3098, 0.4783
CMYK	0.00, 0.15, 0.36, 0.18
HSL	34°, 44%, 67%
HSV	34°, 36%, 82%
XYZ	45.7752, 46.1517, 28.7010
YIQ	180.6660, 32.8750, -6.5890

Conversions

Conversions Part 2

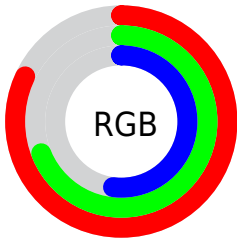
Format	Color
RYB	189, 208, 133
Decimal	13676677
CIELab	73.64, 5.53, 26.32
CIELCh	74, 26.897, 78.142
Yxy	46.1517, 0.3795, 0.3826
Android (android.graphics.Color)	4291866757 (0xFFD0B085)
YUV	180.6660, -23.4993, 23.9719
Hunter-Lab	67.9350, 1.3884, 22.5059

Details

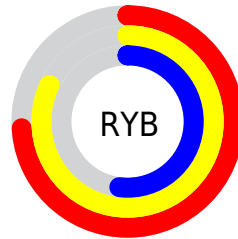
The YIQ color **180.6660, 32.8750, -6.5890** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **160.3340, -32.8750, 6.5890**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.6330, 28.4740, -9.4300**, and **127.6980, 29.8490, -6.8150** is the 20% darker color. If you saturate the color by 10%, you get **172.9890, 42.0910, -8.4130**, and if you desaturate by 10%, it is **188.3430, 23.6590, -4.7650**.

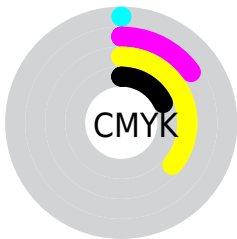
Distribution



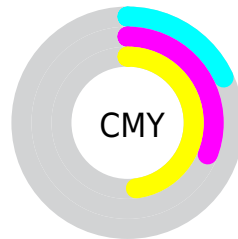
- Red (82%)
- Green (69%)
- Blue (52%)



- Red (74%)
- Yellow (82%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (18%)




- Cyan (18%)
- Magenta (31%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.6660, 32.8750, -6.5890 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 180.6660, 32.8750, -6.5890 by changing the saturation by 10% instead.


 180.6660, 32.8750,
-6.5890

 180.6660, 32.8750,
-6.5890


255.0000, -0.0000,
-0.0000


 153.5950, 31.6370,
-6.1790


 233.6330, 28.4740,
-9.4300


 127.6980, 29.8490,
-6.8150


 250.3260, 13.1610,
-12.7510

 102.5130, 28.9320,
-6.7160

 253.6320, 3.8520,
-3.7320

 77.8440, 26.5020,
-6.7300

 54.3600, 24.9890,
-6.8430

 33.4460, 21.8710,
-5.4010

 12.4700, 13.2960,

1.3280

■ 0.0000, 0.0000,
0.0000

■ 180.6660, 32.8750,
-6.5890

■ 180.6660, 32.8750,
-6.5890

■ 172.9890, 42.0910,
-8.4130

■ 188.3430, 23.6590,
-4.7650

■ 165.3120, 51.3070,
-10.2370

■ 196.0200, 14.4430,
-2.9410

■ 157.7490, 60.2020,
-11.7500

■ 203.5830, 5.5480,
-1.4280

■ 150.0720, 69.4180,
-13.5740

■ 211.2600, -3.6680,
0.3960

■ 142.9820, 78.3590,
-15.9210

■ 218.3500,
-12.6090, 2.7430

■ 135.3050, 87.5750,
-17.7450

■ 225.6850,
-20.8620, 3.6340

■ 132.0450, 91.2430,
-18.1410

■ 230.9680,
-23.3370, -1.0730

■ 236.2510,
-25.8120, -5.7800

■ 240.9470,
-28.0120, -9.9640

Harmonies

Analogous

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



182.4210, 41.3550, 4.9310



180.6660, 32.8750, -6.5890



178.0010, 15.4540, -15.7620

Triad

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



180.6660, 32.8750, -6.5890



169.5850, -50.6600, -18.0200



184.8830, 5.5440, 20.6800

Complementary

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



180.6660, 32.8750, -6.5890



160.3340, -32.8750, 6.5890

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.



181.9060, -19.6260, 14.2780



180.6660, 32.8750, -6.5890



170.9300, -55.7050, -9.1850

Square

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



180.6660, 32.8750, -6.5890



171.5300, -31.6320, -21.4560



176.2510, -43.0070, 2.9850



185.1320, 26.7720, 21.4280

Rectangle

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



180.6660, 32.8750, -6.5890



176.4660, 0.7830, -19.7050



176.2510, -43.0070, 2.9850



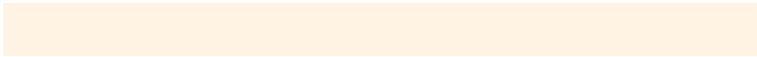
183.7510, -2.8920, 19.3800

Sweetspot

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



180.6660, 32.8750, -6.5890



244.7640, 12.2880, -2.4320



159.1870, 34.1070, 26.1630



121.3660, 7.6570, -1.1030



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.



180.6660, 32.8750, -6.5890



214.8710, 48.2350, -9.6290



197.9550, 21.0950, -24.3850



100.8110, 4.9060, -0.8060



106.5840, 73.7280, -14.5920



25.7600, 18.1110, -3.3370

Inverse Universe

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



160.3340, -32.8750, 6.5890



185.1290, -48.2350, 9.6290



143.0450, -21.0950, 24.3850



98.1890, -4.9060, 0.8060



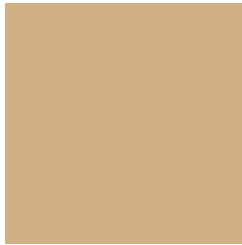
61.4160, -73.7280, 14.5920



14.6530, -17.8360, 3.8600

Previews

White Background



This preview shows how the YIQ color 180.6660, 32.8750, -6.5890 looks on a white background.

Color Contrast Check

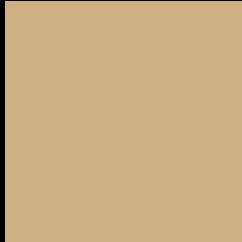
Large Text (above 18pt) WCAG AA × Fail

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 180.6660, 32.8750, -6.5890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

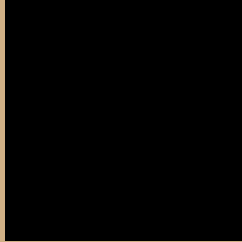
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.6660, 32.8750, -6.5890

Background



This preview shows how black text looks on a background with the YIQ color 180.6660, 32.8750, -6.5890.



This preview shows how white text looks on a background with the YIQ color 180.6660, 32.8750, -6.5890.

-6.5890.

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

180.6660, 32.8750, -6.5890

Protanopia

179.6430, 22.5140, -11.5500

Deuteranopia

181.4000, 36.6800, -3.9600



Tritanopia

183.7520, 21.7300, 13.6820

Trichromacy



Original Color

180.6660, 32.8750, -6.5890

Protanomaly

179.8500, 26.3650, -9.7550

Deuteranomaly

181.3890, 35.2130, -4.9070

Tritanomaly

182.8630, 25.4910, 6.0910

Monochromacy



Original Color

180.6660, 32.8750, -6.5890

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.8780, 11.9670, -2.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.6660, 32.8750, -6.5890 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(208, 176, 133)` looks like.

```
.text, #text, p{  
    color:rgb(208, 176, 133)  
}
```

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(208, 176, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 176, 133) }
```

Border

The CSS property to change the border of an element to YIQ 180.6660, 32.8750, -6.5890 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(208, 176, 133) }
```


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

```
.border{ border-color:rgb(208, 176, 133) }
```

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

Here you see how a box with a 4 pixel rgb(208, 176, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 176, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 176, 133);  
box-shadow:4px 4px 4px 4px rgb(208, 176,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 180.6660, 32.8750, -6.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 176, 133) }
```

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

```
.background{ background-color: rgb(208,  
176, 133) }
```

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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