

Converting Colors

YIQ(157.5300, 30.2620, -8.7940)

Have a look what the booklet for
YIQ(157.5300, 30.2620, -8.7940)
contains.

YIQ(157.5300, 30.2620, -8.7940)	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(157.5300, 30.2620,
-8.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	B59B6D
RGB	181, 155, 109
RGB Percent	71%, 61%, 43%
CMY	0.2902, 0.3922, 0.5724
CMYK	0.00, 0.14, 0.40, 0.29
HSL	38°, 33%, 57%
HSV	38°, 40%, 71%
XYZ	33.5400, 34.3688, 19.3453
YIQ	157.5300, 30.2620, -8.7940

Conversions

Conversions Part 2

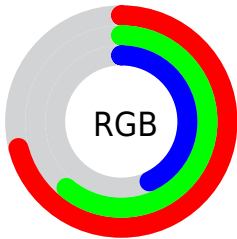
Format	Color
R _{YB}	150, 181, 109
Decimal	11901805
CIE Lab	65.25, 3.09, 27.66
CIE LCh	65, 27.831, 83.616
Yxy	34.3688, 0.3844, 0.3939
Android (android.graphics.Color)	4290091885 (0xFFB59B6D)
YUV	157.5300, -23.9253, 20.5832
Hunter-Lab	58.6249, -0.4716, 21.4726

Details

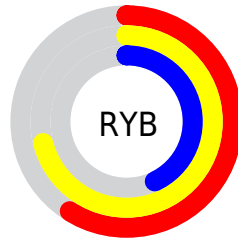
The YIQ color **157.5300, 30.2620, -8.7940** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **132.4700, -30.2620, 8.7940**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1990, 32.6920, -8.7800**, and **105.9750, 27.5110, -8.4970** is the 20% darker color. If you saturate the color by 10%, you get **151.3690, 37.9650, -10.7310**, and if you desaturate by 10%, it is **163.6910, 22.5590, -6.8570**.

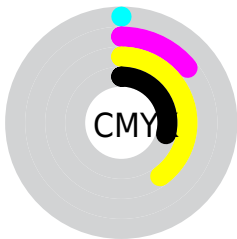
Distribution



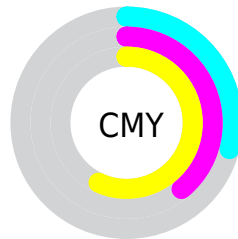
- Red (71%)
- Green (61%)
- Blue (43%)



- Red (59%)
- Yellow (71%)
- Blue (43%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (29%)



- Cyan (29%)
- Magenta (39%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.5300, 30.2620, -8.7940 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 157.5300, 30.2620, -8.7940 by changing the saturation by 10% instead.

■ 157.5300, 30.2620,
-8.7940

■ 157.5300, 30.2620,
-8.7940

■ 255.0000, -0.0000,
-0.0000

■ 131.3450, 29.3450,
-8.6950

■ 212.1990, 32.6920,
-8.7800

■ 105.9750, 27.5110,
-8.4970

■ 237.3830, 26.1820,
-11.9460

■ 81.4910, 25.9980,
-8.6100

■ 250.5540, 12.5190,
-12.1290

■ 57.7080, 23.8890,
-8.9350

■ 253.8600, 3.2100,
-3.1100

■ 36.6800, 21.0920,
-7.8040

■ 17.1770, 12.5630,
-1.9090

■ 0.0000, 0.0000,

0.0000

■ 157.5300, 30.2620,
-8.7940

■ 157.5300, 30.2620,
-8.7940

■ 151.3690, 37.9650,
-10.7310

■ 163.6910, 22.5590,
-6.8570

■ 145.7950, 45.3930,
-13.1910

■ 169.2650, 15.1310,
-4.3970

■ 139.6340, 53.0960,
-15.1280

■ 175.4260, 7.4280,
-2.4600

■ 134.0600, 60.5240,
-17.5880

■ 181.0000, -0.0000,
0.0000

■ 127.8990, 68.2270,
-19.5250

■ 187.2750, -8.0240,
2.2480

■ 122.2110, 75.9760,
-22.2960

■ 192.8490,
-15.4520, 4.7080

■ 199.0100,
-23.1550, 6.6450

■ 204.5840,
-30.5830, 9.1050

■ 208.8070,
-32.8290, 5.7550

Harmonies

Analogous

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



159.6550, 40.5760, 2.5280



157.5300, 30.2620, -8.7940



155.0930, 12.1990, -17.3450

Triad

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



157.5300, 30.2620, -8.7940



145.0620, -56.4370, -17.9490



161.8620, 10.0370, 21.8530

Complementary

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



157.5300, 30.2620, -8.7940



132.4700, -30.2620, 8.7940

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.



159.9990, -15.4540, 15.7620



157.5300, 30.2620, -8.7940



147.7880, -58.1810, -8.3650

Square

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



157.5300, 30.2620, -8.7940



147.8930, -37.0880, -21.6960



153.9740, -40.6690, 4.6670



161.9860, 30.1190, 21.3430

Rectangle

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



157.5300, 30.2620, -8.7940



152.9000, -3.4350, -20.3550



153.9740, -40.6690, 4.6670



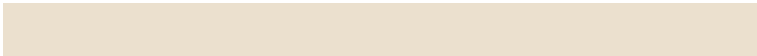
161.7300, 1.6010, 20.5530

Sweetspot

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



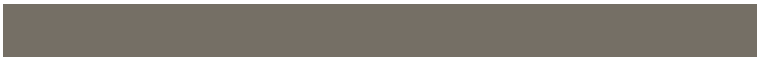
157.5300, 30.2620, -8.7940



225.2370, 12.3340, -3.2660



133.4920, 34.5660, 23.3500



111.6540, 6.7860, -1.8380



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



157.5300, 30.2620, -8.7940



198.0510, 47.5480, -13.7000



169.8020, 17.1520, -24.5120



86.2130, 3.7140, -1.2300



103.2730, 64.2380, -18.8180



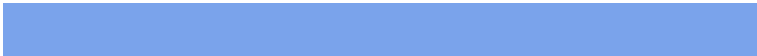
17.1660, 11.0960, -2.8560

Inverse Universe

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



132.4700, -30.2620, 8.7940



158.9490, -47.5480, 13.7000



120.1980, -17.1520, 24.5120



83.3740, -3.9890, 0.7070



49.7270, -64.2380, 18.8180



8.2470, -10.8210, 3.3790

Previews

White Background



This preview shows how the YIQ color 157.5300, 30.2620, -8.7940 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 157.5300, 30.2620, -8.7940 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 157.5300, 30.2620, -8.7940

Background



This preview shows how black text looks on a background with the YIQ color 157.5300, 30.2620, -8.7940.



This preview shows how white text looks on a background with the YIQ color 157.5300, 30.2620, -8.7940.

-8.7940.

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

157.5300, 30.2620, -8.7940

Protanopia

156.4150, 23.1560, -12.1720

Deuteranopia

158.2750, 35.5340, -5.2180



Tritanopia

160.7300, 18.7960, 11.7880

Trichromacy



Original Color

157.5300, 30.2620, -8.7940

Protanomaly

157.0240, 25.8150, -10.8010

Deuteranomaly

157.9650, 33.4710, -6.3770

Tritanomaly

159.7270, 22.8780, 3.8860

Monochromacy



Original Color

157.5300, 30.2620, -8.7940

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.7530, 10.8210, -3.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.5300, 30.2620, -8.7940 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(181, 155, 109)` looks like.

```
.text, #text, p{  
    color:rgb(181, 155, 109)  
}
```

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(181, 155, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 155, 109) }
```

Border

The CSS property to change the border of an element to YIQ 157.5300, 30.2620, -8.7940 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(181, 155, 109) }
```


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

```
.border{ border-color:rgb(181, 155, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 155, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 155, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 155, 109);  
box-shadow:4px 4px 4px 4px rgb(181, 155,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 157.5300, 30.2620, -8.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 155, 109) }
```

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

```
.background{ background-color: rgb(181,  
155, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor