

Converting Colors

YIQ(173.1110, 30.1240, -6.2920)

Have a look what the booklet for
YIQ(173.1110, 30.1240, -6.2920)
contains.

YIQ(173.1110, 30.1240, -6.2920)	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(173.1110, 30.1240,
-6.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A981
RGB	198, 169, 129
RGB Percent	78%, 66%, 51%
CMY	0.2235, 0.3373, 0.4940
CMYK	0.00, 0.15, 0.35, 0.22
HSL	35°, 38%, 64%
HSV	35°, 35%, 78%
XYZ	41.4423, 41.9647, 26.6980
YIQ	173.1110, 30.1240, -6.2920

Conversions

Conversions Part 2

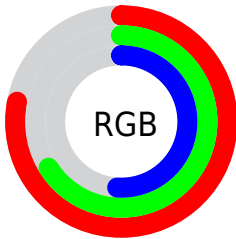
Format	Color
RYB	179, 198, 129
Decimal	13019521
CIELab	70.85, 4.81, 24.56
CIELCh	71, 25.021, 78.925
Yxy	41.9647, 0.3764, 0.3811
Android (android.graphics.Color)	4291209601 (0xFFC6A981)
YUV	173.1110, -21.7467, 21.8277
Hunter-Lab	64.7801, 0.8281, 20.9108

Details

The YIQ color **173.1110, 30.1240, -6.2920** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **153.8890, -30.1240, 6.2920**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4810, 31.9580, -6.4900**, and **120.4420, 27.6940, -6.3060** is the 20% darker color. If you saturate the color by 10%, you get **166.1350, 38.7440, -8.3280**, and if you desaturate by 10%, it is **180.0870, 21.5040, -4.2560**.

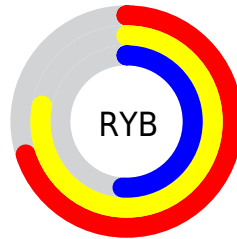
Distribution



Red (78%)

Green (66%)

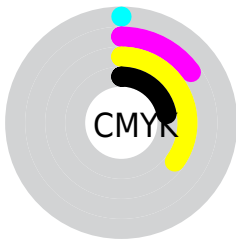
Blue (51%)



Red (70%)

Yellow (78%)

Blue (51%)

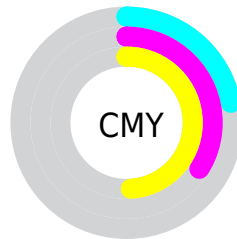


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (22%)



Cyan (22%)


Magenta (34%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 173.1110, 30.1240, -6.2920 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 173.1110, 30.1240, -6.2920 by changing the saturation by 10% instead.


 173.1110, 30.1240,
-6.2920


 173.1110, 30.1240,
-6.2920


255.0000, -0.0000,
-0.0000


 146.6270, 28.6110,
-6.4050


 228.4810, 31.9580,
-6.4900


 120.4420, 27.6940,
-6.3060


 248.6960, 14.9950,
-12.9490

 95.3710, 26.4560,
-5.8960

 253.0620, 5.4570,
-5.2870

 71.5880, 24.3470,
-6.2210

 48.6910, 22.5590,
-6.8570

 28.1190, 18.4780,
-4.4820

 4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,
0.0000

■ 173.1110, 30.1240,
-6.2920

■ 173.1110, 30.1240,
-6.2920

■ 166.1350, 38.7440,
-8.3280

■ 180.0870, 21.5040,
-4.2560

■ 158.5720, 47.6390,
-9.8410

■ 187.6500, 12.6090,
-2.7430

■ 151.7100, 55.9380,
-11.5660

■ 194.5120, 4.3100,
-1.0180

■ 144.7340, 64.5580,
-13.6020

■ 201.4880, -4.3100,
1.0180

■ 137.1710, 73.4530,
-15.1150

■ 209.0510,
-13.2050, 2.5310

■ 130.1950, 82.0730,
-17.1510

■ 216.0270,
-21.8250, 4.5670

■ 126.7070, 86.3830,
-18.1690

■ 221.5210,
-26.2720, 2.5600

■ 226.8040,
-28.7470, -2.1470

■ 231.5000,
-30.9470, -6.3310

Harmonies

Analogous

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



175.0400, 38.0540, 4.1820



173.1110, 30.1240, -6.2920



170.4570, 14.1700, -14.5180

Triad

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



173.1110, 30.1240, -6.2920



162.7920, -46.8090, -16.2250



176.8290, 5.6360, 19.0120

Complementary

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



173.1110, 30.1240, -6.2920



153.8890, -30.1240, 6.2920

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.



174.0480, -17.1500, 13.4580



173.1110, 30.1240, -6.2920



164.7950, -50.8910, -8.3230

Square

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



173.1110, 30.1240, -6.2920



164.9540, -29.8900, -19.9860



169.2900, -38.7430, 2.8010



177.2950, 24.7550, 19.4350

Rectangle

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



173.1110, 30.1240, -6.2920



169.1070, 0.4160, -18.5600



169.2900, -38.7430, 2.8010



176.2950, -1.6080, 18.1360

Sweetspot

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



173.1110, 30.1240, -6.2920



245.6930, 11.0500, -2.0220



153.0510, 31.4940, 23.9580



122.0670, 7.0610, -1.3150



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.



173.1110, 30.1240, -6.2920



216.3870, 46.7220, -9.7420



188.6390, 19.1690, -22.5190



95.6260, 3.9890, -0.7070



104.5020, 71.0230, -15.1290



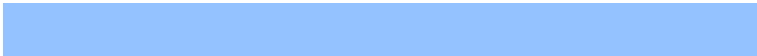
23.0910, 15.6810, -3.3510

Inverse Universe

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



153.8890, -30.1240, 6.2920



186.6130, -46.7220, 9.7420



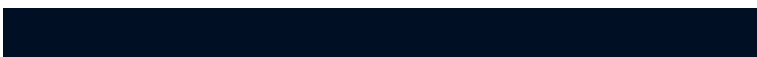
138.3610, -19.1690, 22.5190



93.3740, -3.9890, 0.7070



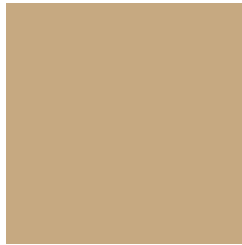
59.0850, -71.2980, 14.6060



12.9090, -15.6810, 3.3510

Previews

White Background



This preview shows how the YIQ color 173.1110, 30.1240, -6.2920 looks on a white background.

Color Contrast Check

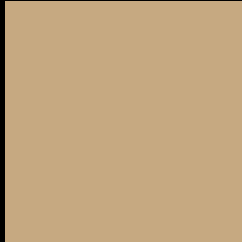
Large Text (above 18pt) WCAG AA × Fail

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 173.1110, 30.1240, -6.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

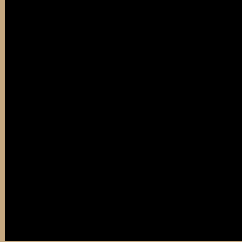
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.1110, 30.1240, -6.2920

Background



This preview shows how black text looks on a background with the YIQ color 173.1110, 30.1240, -6.2920.



This preview shows how white text looks on a background with the YIQ color 173.1110, 30.1240, -6.2920.

-6.2920.

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

173.1110, 30.1240, -6.2920

Protanopia

172.0990, 21.2300, -10.3060

Deuteranopia

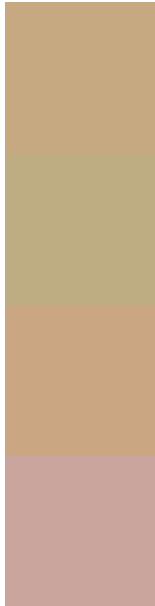
173.5570, 34.8000, -2.9280



Tritanopia

176.3280, 19.9880, 12.2120

Trichromacy



Original Color

173.1110, 30.1240, -6.2920

Protanomaly

172.5940, 24.2100, -9.2460

Deuteranomaly

173.2470, 32.7370, -4.0870

Tritanomaly

174.9660, 23.7030, 5.4550

Monochromacy



Original Color

173.1110, 30.1240, -6.2920

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.2800, 10.7750, -2.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.1110, 30.1240, -6.2920 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(198, 169, 129)` looks like.

```
.text, #text, p{  
    color:rgb(198, 169, 129)  
}
```

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(198, 169, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 169, 129) }
```

Border

The CSS property to change the border of an element to YIQ 173.1110, 30.1240, -6.2920 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(198, 169, 129) }
```


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

```
.border{ border-color:rgb(198, 169, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 169, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 169, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 169, 129);  
box-shadow:4px 4px 4px 4px rgb(198, 169,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 173.1110, 30.1240, -6.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 169, 129) }
```

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

```
.background{ background-color: rgb(198,  
169, 129) }
```

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