

Converting Colors

YIQ(173.6110, 34.7080, -1.2600)

Have a look what the booklet for
YIQ(173.6110, 34.7080, -1.2600)
contains.

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Color

**YIQ(173.6110, 34.7080,
-1.2600)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA585
RGB	206, 165, 133
RGB Percent	81%, 65%, 52%
CMY	0.1921, 0.3530, 0.4783
CMYK	0.00, 0.20, 0.35, 0.19
HSL	26°, 43%, 66%
HSV	26°, 35%, 81%
XYZ	43.1476, 41.7233, 27.9846
YIQ	173.6110, 34.7080, -1.2600

Conversions

Conversions Part 2

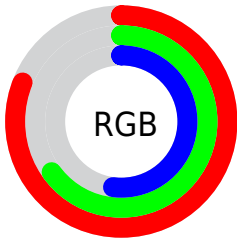
Format	Color
R_{YB}	206, 190, 133
Decimal	13542789
CIE _{Lab}	70.68, 10.66, 22.29
CIE _{LCh}	71, 24.704, 64.447
Yxy	41.7233, 0.3823, 0.3697
Android (android.graphics.Color)	4291732869 (0xFFCEA585)
YUV	173.6110, -20.0212, 28.4052
Hunter-Lab	64.5935, 6.1969, 19.5286

Details

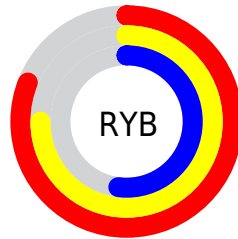
The YIQ color **173.6110, 34.7080, -1.2600** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **165.3890, -34.7080, 1.2600**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.5890, 31.7740, -3.1540**, and **120.6430, 31.6820, -1.4860** is the 20% darker color. If you saturate the color by 10%, you get **164.1730, 44.7490, -1.5150**, and if you desaturate by 10%, it is **183.0490, 24.6670, -1.0050**.

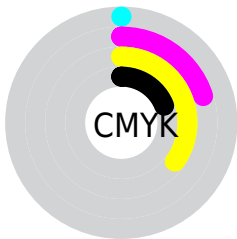
Distribution



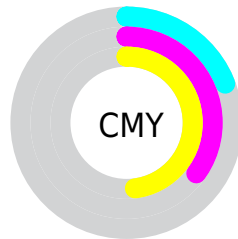
- Red (81%)
- Green (65%)
- Blue (52%)



- Red (81%)
- Yellow (75%)
- Blue (52%)



- Cyan (0%)
- Magenta (20%)
- Yellow (35%)
- Black (19%)





- Cyan (19%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 173.6110, 34.7080, -1.2600 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 173.6110, 34.7080, -1.2600 by changing the saturation by 10% instead.


 173.6110, 34.7080,
-1.2600


 173.6110, 34.7080,
-1.2600


255.0000, -0.0000,
-0.0000

 147.1270, 33.1950,
-1.3730


 226.5890, 31.7740,
-3.1540


 120.6430, 31.6820,
-1.4860


 246.8040, 14.8110,
-9.6130

 96.1590, 30.1690,
-1.5990

 253.6320, 3.8520,
-3.7320

 71.4900, 27.7390,
-1.6130

 48.7070, 25.6300,
-1.9380

 27.5650, 23.1540,
-1.1180

 7.4750, 14.9000,

5.3000

■ 0.0000, 0.0000,
0.0000

■ 173.6110, 34.7080,
-1.2600

■ 173.6110, 34.7080,
-1.2600

■ 164.1730, 44.7490,
-1.5150

■ 183.0490, 24.6670,
-1.0050

■ 155.4360, 54.1940,
-1.9820

■ 191.7860, 15.2220,
-0.5380

■ 145.9980, 64.2350,
-2.2370

■ 201.2240, 5.1810,
-0.2830

■ 137.2610, 73.6800,
-2.7040

■ 209.9610, -4.2640,
0.1840

■ 127.8230, 83.7210,
-2.9590

■ 219.3990,
-14.3050, 0.4390

■ 118.3850, 93.7620,
-3.2140

■ 228.0220,
-23.4290, 0.5950

■ 114.4240, 98.0260,
-3.3980

■ 235.0660,
-26.7290, -5.6810

■ 240.3490,
-29.2040, -10.3880

Harmonies

Analogous

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



175.2020, 37.7780, 9.1860



173.6110, 34.7080, -1.2600



171.7570, 22.1930, -11.2390

Triad

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



173.6110, 34.7080, -1.2600



163.6310, -39.1060, -18.1620



175.5010, -5.1840, 16.8640

Complementary

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



173.6110, 34.7080, -1.2600



165.3890, -34.7080, 1.2600

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.



171.7260, -28.1070, 8.2850



173.6110, 34.7080, -1.2600



163.3450, -49.7440, -12.5920

Square

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



173.6110, 34.7080, -1.2600



166.1140, -18.6570, -19.8170



166.4200, -45.1610, -2.0330



176.6300, 16.5020, 20.3260

Rectangle

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



173.6110, 34.7080, -1.2600



169.7770, 10.2730, -15.4790



166.4200, -45.1610, -2.0330



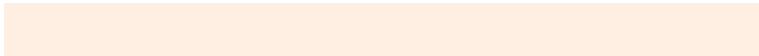
174.7280, -13.2530, 14.4190

Sweetspot

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



173.6110, 34.7080, -1.2600



242.4160, 13.3880, -0.3400



159.5010, 30.3470, 28.2270



120.1920, 8.2070, -0.0570



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.



173.6110, 34.7080, -1.2600



206.0660, 52.3600, -1.7840



194.7430, 24.8080, -20.0880



97.3380, 4.8600, 0.0280



92.4850, 78.8610, -2.9870



21.3410, 17.9730, -0.8350

Inverse Universe

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



165.3890, -34.7080, 1.2600



193.9340, -52.3600, 1.7840



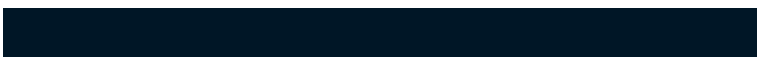
144.2570, -24.8080, 20.0880



96.6620, -4.8600, -0.0280



73.5150, -78.8610, 2.9870



17.2460, -18.2480, 0.3120

Previews

White Background



This preview shows how the YIQ color 173.6110, 34.7080, -1.2600 looks on a white background.

Color Contrast Check

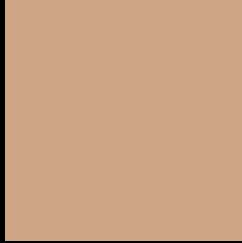
Large Text (above 18pt) WCAG AA × Fail

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 173.6110, 34.7080, -1.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

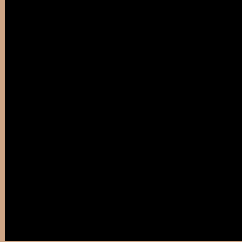
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.6110, 34.7080, -1.2600

Background



This preview shows how black text looks on a background with the YIQ color 173.6110, 34.7080, -1.2600.



This preview shows how white text looks on a background with the YIQ color 173.6110, 34.7080, -1.2600.

-1.2600.

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

173.6110, 34.7080, -1.2600

Protanopia

172.1850, 18.1120, -8.8640

Deuteranopia

173.3010, 32.6450, -2.4190



Tritanopia

176.3180, 25.9480, 14.3320

Trichromacy



Original Color

173.6110, 34.7080, -1.2600

Protanomaly

172.7020, 24.0260, -5.9100

Deuteranomaly

173.6000, 33.2410, -2.2070

Tritanomaly

175.5970, 29.2960, 8.7200

Monochromacy



Original Color

173.6110, 34.7080, -1.2600

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1170, 12.7920, -0.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.6110, 34.7080, -1.2600 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(206, 165, 133)` looks like.

```
.text, #text, p{  
    color:rgb(206, 165, 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(206, 165, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 165, 133) }
```

Border

The CSS property to change the border of an element to YIQ 173.6110, 34.7080, -1.2600 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(206, 165, 133) }
```


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

```
.border{ border-color:rgb(206, 165, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 165, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 165, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 165, 133);  
box-shadow:4px 4px 4px 4px rgb(206, 165,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 173.6110, 34.7080, -1.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 165, 133) }
```

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

```
.background{ background-color: rgb(206,  
165, 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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