

Converting Colors

YIQ(179.7840, 26.7310, -5.3730)

Have a look what the booklet for
YIQ(179.7840, 26.7310, -5.3730)
contains.

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Color

**YIQ(179.7840, 26.7310,
-5.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB08D
RGB	202, 176, 141
RGB Percent	79%, 69%, 55%
CMY	0.2078, 0.3098, 0.4469
CMYK	0.00, 0.13, 0.30, 0.21
HSL	34°, 37%, 67%
HSV	34°, 30%, 79%
XYZ	44.6933, 45.5284, 31.6448
YIQ	179.7840, 26.7310, -5.3730

Conversions

Conversions Part 2

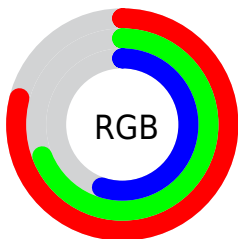
Format	Color
RYB	186, 202, 141
Decimal	13283469
CIELab	73.24, 4.16, 21.38
CIELCh	73, 21.783, 78.985
Yxy	45.5284, 0.3667, 0.3736
Android (android.graphics.Color)	4291473549 (0xFFCAB08D)
YUV	179.7840, -19.1205, 19.4834
Hunter-Lab	67.4748, 0.1524, 19.4260

Details

The YIQ color **179.7840, 26.7310, -5.3730** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **163.2160, -26.7310, 5.3730**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.6590, 25.5850, -6.6310**, and **127.1150, 24.3010, -5.3870** is the 20% darker color. If you saturate the color by 10%, you get **172.2210, 35.6260, -6.8860**, and if you desaturate by 10%, it is **187.3470, 17.8360, -3.8600**.

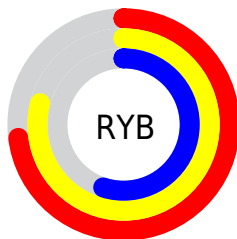
Distribution



Red (79%)

Green (69%)

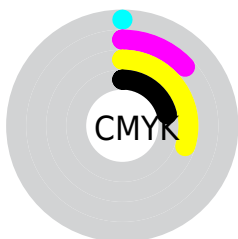
Blue (55%)



Red (73%)

Yellow (79%)

Blue (55%)

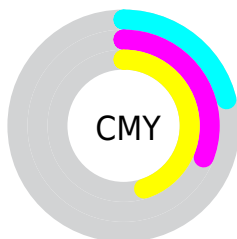


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (21%)



Cyan (21%)


Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.7840, 26.7310, -5.3730 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 179.7840, 26.7310, -5.3730 by changing the saturation by 10% instead.


 179.7840, 26.7310,
-5.3730


 179.7840, 26.7310,
-5.3730


255.0000, -0.0000,
-0.0000


 152.5990, 25.8140,
-5.2740


 234.6590, 25.5850,
-6.6310


 127.1150, 24.3010,
-5.3870


 251.3520, 10.2720,
-9.9520

 101.9300, 23.3840,
-5.2880

 254.5440, 1.2840,
-1.2440

 77.4460, 21.8710,
-5.4010

 54.0760, 20.0370,
-5.2030

 32.5490, 20.0830,
-6.0370

 11.5730, 11.5080,

0.6920

0.0000, 0.0000,
0.0000

179.7840, 26.7310,
-5.3730

179.7840, 26.7310,
-5.3730

172.2210, 35.6260,
-6.8860

187.3470, 17.8360,
-3.8600

165.2450, 44.2460,
-8.9220

194.3230, 9.2160,
-1.8240

157.5680, 53.4620,
-10.7460

202.0000, -0.0000,
0.0000

150.5920, 62.0820,
-12.7820

208.9760, -8.6200,
2.0360

143.0290, 70.9770,
-14.2950

216.5390,
-17.5150, 3.5490

■ 135.4660, 79.8720,
-15.8080

■ 223.3040,
-24.1630, 2.8850

■ 128.4900, 88.4920,
-17.8440

■ 228.0000,
-26.3630, -1.2990

■ 233.2830,
-28.8380, -6.0060

■ 238.5660,
-31.3130, -10.7130

Harmonies

Analogous

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



181.5880, 33.5150, 3.8430



179.7840, 26.7310, -5.3730



178.0270, 12.5650, -12.9630

Triad

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



179.7840, 26.7310, -5.3730



171.3800, -39.6570, -13.6810



183.0630, 4.8570, 16.6090

Complementary

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



179.7840, 26.7310, -5.3730



163.2160, -26.7310, 5.3730

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.



180.6630, -14.6280, 11.8040



179.7840, 26.7310, -5.3730



173.0410, -42.7760, -6.7120

Square

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



179.7840, 26.7310, -5.3730



172.9870, -25.4890, -17.1450



176.8130, -32.9660, 2.7300



183.1590, 22.1420, 17.2300

Rectangle

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



179.7840, 26.7310, -5.3730



175.6880, 0.2780, -16.0580



176.8130, -32.9660, 2.7300



182.7140, -1.4700, 15.6340

Sweetspot

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



179.7840, 26.7310, -5.3730



246.5080, 10.1330, -1.9230



162.2030, 28.0100, 21.0180



122.7680, 6.4650, -1.5270



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.



179.7840, 26.7310, -5.3730



221.6190, 40.2570, -8.2150



193.8500, 17.1970, -19.8190



98.5120, 4.3100, -1.0180



105.3990, 72.8110, -14.4930



24.2760, 16.5980, -3.4500

Inverse Universe

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



163.2160, -26.7310, 5.3730



196.3810, -40.2570, 8.2150



149.1500, -17.1970, 19.8190



95.4880, -4.3100, 1.0180



60.6010, -72.8110, 14.4930



13.7240, -16.5980, 3.4500

Previews

White Background



This preview shows how the YIQ color 179.7840, 26.7310, -5.3730 looks on a white background.

Color Contrast Check

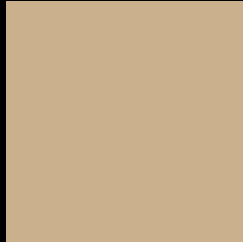
Large Text (above 18pt) WCAG AA × Fail

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 179.7840, 26.7310, -5.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

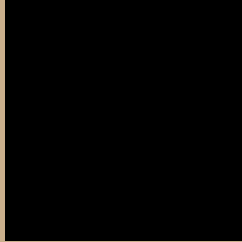
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.7840, 26.7310, -5.3730

Background



This preview shows how black text looks on a background with the YIQ color 179.7840, 26.7310, -5.3730.



This preview shows how white text looks on a background with the YIQ color 179.7840, 26.7310, -5.3730.

-5.3730.

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

179.7840, 26.7310, -5.3730

Protanopia

179.0710, 18.4330, -9.1750

Deuteranopia

180.5290, 32.0030, -1.7970



Tritanopia

182.5450, 17.8790, 11.8870

Trichromacy



Original Color

179.7840, 26.7310, -5.3730

Protanomaly

179.5660, 21.4130, -8.1150

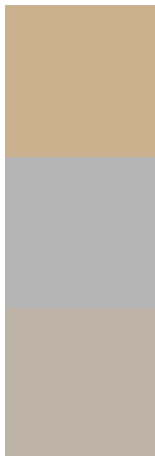
Deuteranomaly

180.2190, 29.9400, -2.9560

Tritanomaly

181.4110, 20.9520, 5.7520

Monochromacy



Original Color

179.7840, 26.7310, -5.3730

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.2090, 9.5370, -2.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.7840, 26.7310, -5.3730 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(202, 176, 141)` looks like.

```
.text, #text, p{  
    color:rgb(202, 176, 141)  
}
```

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(202, 176, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 176, 141) }
```

Border

The CSS property to change the border of an element to YIQ 179.7840, 26.7310, -5.3730 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(202, 176, 141) }
```


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

```
.border{ border-color:rgb(202, 176, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 176, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 176, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 176, 141);  
box-shadow:4px 4px 4px 4px rgb(202, 176,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 179.7840, 26.7310, -5.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 176, 141) }
```

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

```
.background{ background-color: rgb(202,  
176, 141) }
```

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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