

Converting Colors

YIQ(174.7830, 36.4990,
-17.2050)

Have a look what the booklet for
YIQ(174.7830, 36.4990, -17.2050)
contains.

YIQ(174.7830, 36.4990, -17.2050)	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(174.7830, 36.4990,
-17.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B069
RGB	199, 176, 105
RGB Percent	78%, 69%, 41%
CMY	0.2196, 0.3098, 0.5880
CMYK	0.00, 0.12, 0.47, 0.22
HSL	45°, 46%, 60%
HSV	45°, 47%, 78%
XYZ	41.6297, 44.2103, 19.7176
YIQ	174.7830, 36.4990, -17.2050

Conversions

Conversions Part 2

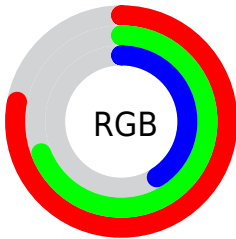
Format	Color
RYB	135, 199, 105
Decimal	13086825
CIELab	72.37, -1.18, 39.21
CIElCh	72, 39.226, 91.730
Yxy	44.2103, 0.3944, 0.4188
Android (android.graphics.Color)	4291276905 (0xFFC7B069)
YUV	174.7830, -34.4030, 21.2383
Hunter-Lab	66.4908, -4.6005, 28.9613

Details

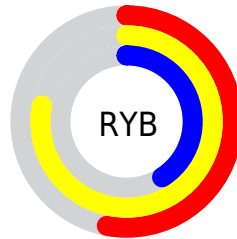
The YIQ color $174.7830, 36.4990, -17.2050$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $129.2170, -36.4990, 17.2050$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $229.7400, 38.0580, -17.9260$, and $121.9290, 33.1520, -17.1200$ is the 20% darker color. If you saturate the color by 10%, you get $169.5680, 44.2940, -20.8100$, and if you desaturate by 10%, it is $179.9980, 28.7040, -13.6000$.

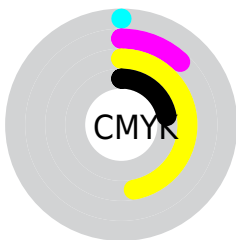
Distribution



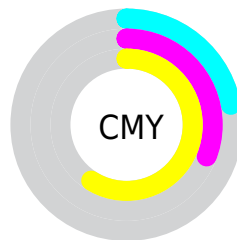
- Red (78%)
- Green (69%)
- Blue (41%)



- Red (53%)
- Yellow (78%)
- Blue (41%)



- Cyan (0%)
- Magenta (12%)
- Yellow (47%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.7830, 36.4990, -17.2050 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 174.7830, 36.4990, -17.2050 by changing the saturation by 10% instead.

■ 174.7830, 36.4990,
-17.2050

■ 174.7830, 36.4990,
-17.2050

255.0000, -0.0000,
-0.0000

■ 147.7120, 35.2610,
-16.7950

■ 229.7400, 38.0580,
-17.9260

■ 121.9290, 33.1520,
-17.1200

■ 247.0200, 22.4700,
-21.7700

■ 96.3310, 31.9600,
-17.5440

■ 250.2120, 13.4820,
-13.0620

■ 71.5050, 31.4100,
-18.5900

■ 253.4040, 4.4940,
-4.3540

■ 50.5460, 24.1650,
-13.9390

■ 30.7440, 15.0400,
-8.2560

■ 8.2730, 3.4850,

-2.5870

■ 0.0000, 0.0000,
0.0000

■ 174.7830, 36.4990,
-17.2050

■ 174.7830, 36.4990,
-17.2050

■ 169.5680, 44.2940,
-20.8100

■ 179.9980, 28.7040,
-13.6000

■ 164.3530, 52.0890,
-24.4150

■ 185.2130, 20.9090,
-9.9950

■ 159.1380, 59.8840,
-28.0200

■ 190.4280, 13.1140,
-6.3900

■ 154.5100, 67.4040,
-32.1480

■ 195.0560, 5.5940,
-2.2620

■ 149.4090, 74.8780,
-35.4420

■ 200.2710, -2.2010,
1.3430

■ 147.5510, 77.3540,
-36.2620

■ 205.3720, -9.6750,
4.6370

■ 210.5870,
-17.4700, 8.2420

■ 214.7760,
-22.3760, 9.0480

■ 217.7110,
-23.7510, 6.4330

Harmonies

Analogous

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



177.8490, 54.4690, -1.4590



174.7830, 36.4990, -17.2050



171.0180, 7.6160, -27.9040

Triad

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



174.7830, 36.4990, -17.2050



142.7370, -116.0380, -33.6220



182.1290, 22.8270, 32.3550

Complementary

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



174.7830, 36.4990, -17.2050



129.2170, -36.4990, 17.2050

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.



180.1770, -12.6590, 25.6850



174.7830, 36.4990, -17.2050



157.7270, -91.7420, -11.3740

Square

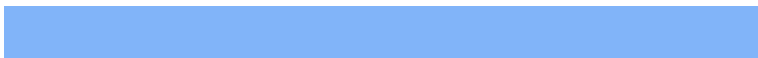
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



174.7830, 36.4990, -17.2050



156.2630, -70.7850, -33.2570



172.6170, -52.5450, 10.6470



180.8960, 48.2280, 29.0600

Rectangle

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



174.7830, 36.4990, -17.2050



167.5190, -15.9040, -31.1680



172.6170, -52.5450, 10.6470



182.3280, 11.9610, 31.0410

Sweetspot

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



174.7830, 36.4990, -17.2050



245.6130, 14.0310, -6.4890



135.8420, 48.3200, 27.3920



121.9700, 8.7120, -3.7040



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.



174.7830, 36.4990, -17.2050



217.3380, 56.4450, -26.2670



181.4070, 16.4660, -34.1100



96.8000, 3.4390, -1.7530



120.9380, 63.3230, -29.7730



26.6130, 14.0310, -6.4890

Inverse Universe

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



129.2170, -36.4990, 17.2050



147.0750, -56.1700, 26.7900



122.8920, -15.8700, 34.3220



92.2000, -3.4390, 1.7530



42.0620, -63.3230, 29.7730



9.3870, -14.0310, 6.4890

Previews

White Background



This preview shows how the YIQ color 174.7830, 36.4990, -17.2050 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 174.7830, 36.4990, -17.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

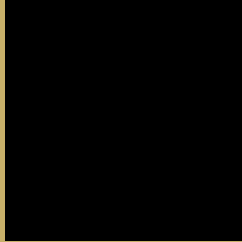
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.7830, 36.4990, -17.2050

Background



This preview shows how black text looks on a background with the YIQ color 174.7830, 36.4990, -17.2050.



This preview shows how white text looks on a background with the YIQ color 174.7830, 36.4990, -17.2050.

-17.2050.

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

174.7830, 36.4990, -17.2050

Protanopia

174.5760, 32.6480, -19.0000

Deuteranopia

176.2730, 47.0430, -10.0530



Tritanopia

180.1430, 19.0710, 12.3110

Trichromacy



Original Color

174.7830, 36.4990, -17.2050

Protanomaly

174.5870, 34.1150, -18.0530

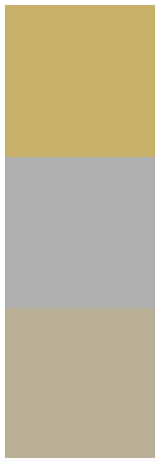
Deuteranomaly

175.5390, 43.2380, -12.6820

Tritanomaly

177.9290, 25.1250, 1.7090

Monochromacy



Original Color

174.7830, 36.4990, -17.2050

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.8410, 13.3890, -5.8670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.7830, 36.4990, -17.2050 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(199, 176, 105)` looks like.

```
.text, #text, p{  
    color:rgb(199, 176, 105)  
}
```

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(199, 176, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 176, 105) }
```

Border

The CSS property to change the border of an element to YIQ 174.7830, 36.4990, -17.2050 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(199, 176, 105) }
```


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

```
.border{ border-color:rgb(199, 176, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 176, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 176, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 176, 105); box-shadow:4px 4px 4px 4px rgb(199, 176, 105) }
```

Background

The CSS property to change the background color of an element to YIQ 174.7830, 36.4990, -17.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 176, 105) }
```

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

```
.background{ background-color: rgb(199,  
176, 105) }
```

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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