

Converting Colors

YIQ(212.8740, 17.7900, -3.0260)

Have a look what the booklet for
YIQ(212.8740, 17.7900, -3.0260)
contains.

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Color

**YIQ(212.8740, 17.7900,
-3.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D2BC
RGB	228, 210, 188
RGB Percent	89%, 82%, 74%
CMY	0.1059, 0.1765, 0.2627
CMYK	0.00, 0.08, 0.18, 0.11
HSL	33°, 43%, 82%
HSV	33°, 18%, 89%
XYZ	64.1215, 66.2164, 56.9911
YIQ	212.8740, 17.7900, -3.0260

Conversions

Conversions Part 2

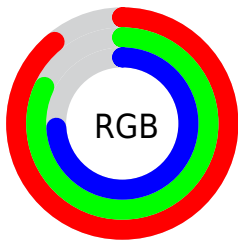
Format	Color
RYB	221, 228, 188
Decimal	14996156
CIELab	85.11, 2.72, 13.14
CIELCh	85, 13.420, 78.316
Yxy	66.2164, 0.3423, 0.3535
Android (android.graphics.Color)	4293186236 (0xFFE4D2BC)
YUV	212.8740, -12.2629, 13.2655
Hunter-Lab	81.3735, -1.7474, 15.4368

Details

The YIQ color $212.8740, 17.7900, -3.0260$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $203.1260, -17.7900, 3.0260$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.7460, 3.5310, -3.4210$, and $158.3900, 16.2770, -3.1390$ is the 20% darker color. If you saturate the color by 10%, you get $204.3820, 27.9230, -4.9490$, and if you desaturate by 10%, it is $221.3660, 7.6570, -1.1030$.

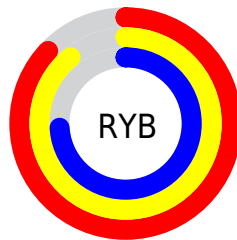
Distribution



Red (89%)

Green (82%)

Blue (74%)



Red (87%)

Yellow (89%)

Blue (74%)

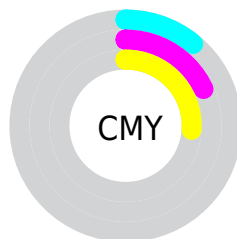


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.8740, 17.7900, -3.0260 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 212.8740, 17.7900, -3.0260 by changing the saturation by 10% instead.

■ 212.8740, 17.7900,
-3.0260

■ 212.8740, 17.7900,
-3.0260

255.0000, -0.0000,
-0.0000

■ 184.9880, 17.4690,
-2.7150

■ 253.7460, 3.5310,
-3.4210

■ 158.3900, 16.2770,
-3.1390

■ 132.3900, 16.2770,
-3.1390

■ 106.6180, 15.6350,
-2.5170

■ 82.4330, 14.7180,
-2.4180

■ 59.5360, 12.9300,
-3.0540

■ 37.3510, 12.0130,

-2.9550

■ 16.8780, 11.9670,
-2.1210

■ 0.0000, 0.0000,
0.0000

■ 212.8740, 17.7900,
-3.0260

■ 212.8740, 17.7900,
-3.0260

■ 204.3820, 27.9230,
-4.9490

■ 221.3660, 7.6570,
-1.1030

■ 195.3030, 38.3310,
-6.3490

■ 230.4450, -2.7510,
0.2970

■ 186.9250, 48.1430,
-7.9610

■ 238.7090,
-12.2420, 1.5980

■ 178.4330, 58.2760,
-9.8840

■ 244.5790,
-14.9920, -3.6320

■ 169.9410, 68.4090,
-11.8070

■ 246.9270,
-16.0920, -5.7240

■ 160.8620, 78.8170,
-13.2070

■ 152.3700, 88.9500,
-15.1300

■ 143.9920, 98.7620,
-16.7420

■ 141.5470,
101.5130, -17.0390

Harmonies

Analogous

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



213.9010, 22.3280, 2.8400



212.8740, 17.7900, -3.0260



211.3350, 8.9420, -7.8740

Triad

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



212.8740, 17.7900, -3.0260



208.3390, -23.2440, -8.2680



214.7050, 2.7490, 10.7570

Complementary

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



212.8740, 17.7900, -3.0260



203.1260, -17.7900, 3.0260

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.



213.2520, -9.2170, 7.3510



212.8740, 17.7900, -3.0260



209.0170, -25.0330, -3.3770

Square

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



212.8740, 17.7900, -3.0260



208.6510, -15.4950, -11.0390



211.2290, -19.5780, 2.3900



215.1640, 14.5780, 11.1380

Rectangle

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



212.8740, 17.7900, -3.0260



210.5620, 0.8730, -10.3190



211.2290, -19.5780, 2.3900



214.3240, -0.5520, 10.0080

Sweetspot

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



212.8740, 17.7900, -3.0260



249.9960, 5.8230, -0.9050



202.1260, 17.7410, 14.3890



124.7400, 3.6680, -0.3960



0.0000, 0.0000, 0.0000



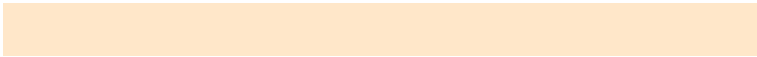
128.0000, -0.0000, -0.0000

Same Dimension

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



212.8740, 17.7900, -3.0260



234.7560, 23.9340, -4.2420



223.1410, 12.2440, -12.6520



110.6970, 5.2270, -1.1170



111.0470, 79.7340, -13.3060



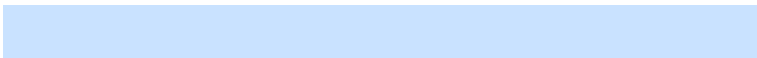
31.6850, 22.6960, -3.8320

Inverse Universe

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



203.1260, -17.7900, 3.0260



221.8310, -24.2090, 3.7190



192.8590, -12.2440, 12.6520



107.3030, -5.2270, 1.1170



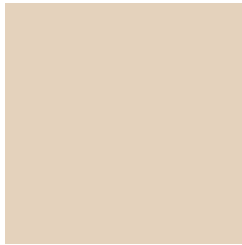
67.3660, -79.4590, 13.8290



19.3150, -22.6960, 3.8320

Previews

White Background



This preview shows how the YIQ color 212.8740, 17.7900, -3.0260 looks on a white background.

Color Contrast Check

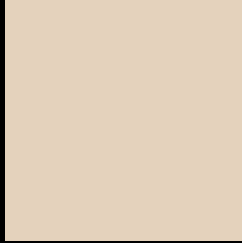
Large Text (above 18pt) WCAG AA × Fail

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 212.8740, 17.7900, -3.0260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

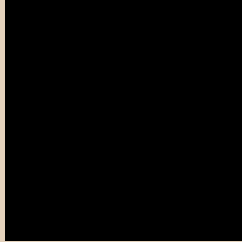
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.8740, 17.7900, -3.0260

Background



This preview shows how black text looks on a background with the YIQ color 212.8740, 17.7900, -3.0260.



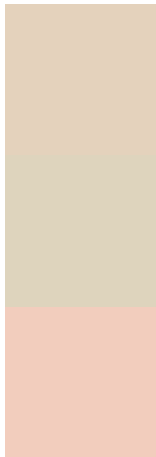
This preview shows how white text looks on a background with the YIQ color 212.8740, 17.7900, -3.0260.

-3.0260.

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

212.8740, 17.7900, -3.0260

Protanopia

212.3680, 13.3430, -5.0330

Deuteranopia

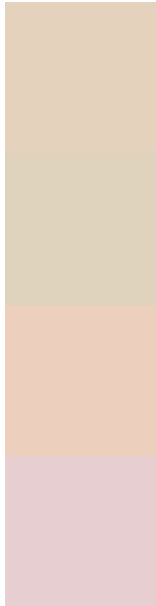
214.2390, 27.1880, 2.8680



Tritanopia

214.8970, 10.9560, 10.7000

Trichromacy



Original Color

212.8740, 17.7900, -3.0260

Protanomaly

212.3790, 14.8100, -4.0860

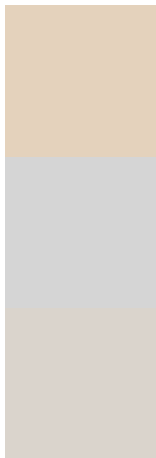
Deuteranomaly

213.9180, 23.6580, 0.7620

Tritanomaly

214.4040, 13.6620, 5.7100

Monochromacy



Original Color

212.8740, 17.7900, -3.0260

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.8820, 6.1440, -1.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.8740, 17.7900, -3.0260 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(228, 210, 188)` looks like.

```
.text, #text, p{  
    color:rgb(228, 210, 188)  
}
```

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(228, 210, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 210, 188) }
```

Border

The CSS property to change the border of an element to YIQ 212.8740, 17.7900, -3.0260 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(228, 210, 188) }
```


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

```
.border{ border-color:rgb(228, 210, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 210, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 210, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 210, 188); box-shadow:4px 4px 4px 4px rgb(228, 210, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 212.8740, 17.7900, -3.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 210, 188) }
```

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

```
.background{ background-color: rgb(228,  
210, 188) }
```

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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