

Converting Colors

YIQ(210.7810, 30.8130,
-13.2750)

Have a look what the booklet for
YIQ(210.7810, 30.8130, -13.2750)
contains.

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Color

**YIQ(210.7810, 30.8130,
-13.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D39A
RGB	232, 211, 154
RGB Percent	91%, 83%, 60%
CMY	0.0902, 0.1726, 0.3959
CMYK	0.00, 0.09, 0.34, 0.09
HSL	44°, 63%, 76%
HSV	44°, 34%, 91%
XYZ	62.4082, 66.0750, 40.0549
YIQ	210.7810, 30.8130, -13.2750

Conversions

Conversions Part 2

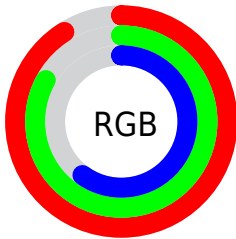
Format	Color
RYB	183, 232, 154
Decimal	15258522
CIELab	85.03, -0.91, 30.89
CIELCh	85, 30.906, 91.693
Yxy	66.0750, 0.3703, 0.3920
Android (android.graphics.Color)	4293448602 (0xFFE8D39A)
YUV	210.7810, -27.9930, 18.6091
Hunter-Lab	81.2865, -5.2070, 27.6847

Details

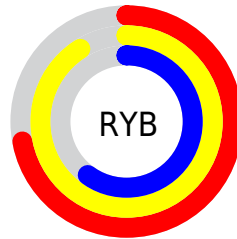
The YIQ color $210.7810, 30.8130, -13.2750$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $175.2190, -30.8130, 13.2750$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $249.7560, 14.7660, -14.3060$, and $156.1120, 28.3830, -13.2890$ is the 20% darker color. If you saturate the color by 10%, you get $204.6370, 39.8460, -17.2900$, and if you desaturate by 10%, it is $216.9250, 21.7800, -9.2600$.

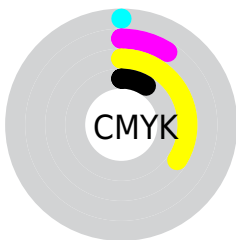
Distribution



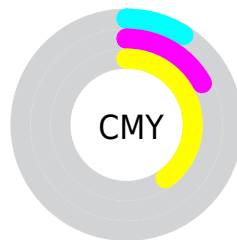
- Red (91%)
- Green (83%)
- Blue (60%)



- Red (72%)
- Yellow (91%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (34%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.7810, 30.8130, -13.2750 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 210.7810, 30.8130, -13.2750 by changing the saturation by 10% instead.

■ 210.7810, 30.8130,
-13.2750

■ 210.7810, 30.8130,
-13.2750

255.0000, -0.0000,
-0.0000

■ 182.7100, 29.5750,
-12.8650

■ 249.7560, 14.7660,
-14.3060

■ 156.1120, 28.3830,
-13.2890

■ 252.9480, 5.7780,
-5.5980

■ 130.0410, 27.1450,
-12.8790

■ 104.5570, 25.6320,
-12.9920

■ 80.0730, 24.1190,
-13.1050

■ 56.4750, 22.9270,
-13.5290

■ 35.7720, 17.8370,

-9.3870

■ 16.5570, 8.4370,
-4.2270

■ 0.0000, 0.0000,
0.0000

■ 210.7810, 30.8130,
-13.2750

■ 210.7810, 30.8130,
-13.2750

■ 204.6370, 39.8460,
-17.2900

■ 216.9250, 21.7800,
-9.2600

■ 197.9060, 49.1540,
-20.7820

■ 223.6560, 12.4720,
-5.7680

■ 191.6480, 58.5080,
-25.1080

■ 229.9140, 3.1180,
-1.4420

■ 185.5040, 67.5410,
-29.1230

■ 236.0580, -5.9150,
2.5730

■ 179.3600, 76.5740,
-33.1380

■ 240.4920,
-10.1330, 1.9230

■ 172.6290, 85.8820,
-36.6300

■ 244.6010,
-12.0580, -1.7380

■ 168.5710, 91.7970,
-39.2030

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



212.7000, 44.7030, -0.6810



210.7810, 30.8130, -13.2750



207.4080, 6.6980, -22.2780

Triad

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



210.7810, 30.8130, -13.2750



198.7990, -65.8820, -17.4820



216.9880, 18.6100, 26.1780

Complementary

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



210.7810, 30.8130, -13.2750



175.2190, -30.8130, 13.2750

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.



214.2990, -7.4310, 19.0410



210.7810, 30.8130, -13.2750



202.1300, -59.1440, -7.4320

Square

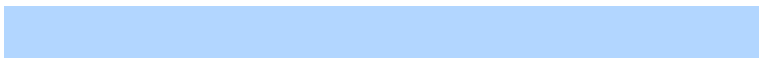
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.7810, 30.8130, -13.2750



199.6680, -49.6960, -24.4800



207.9100, -34.6170, 5.1190



212.5300, 31.4030, 20.0990

Rectangle

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



210.7810, 30.8130, -13.2750



204.6600, -11.6870, -24.9910



207.9100, -34.6170, 5.1190



216.9700, 9.8530, 25.1890

Sweetspot

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



210.7810, 30.8130, -13.2750



248.0410, 9.9500, -4.1140



179.8300, 39.4260, 23.3780



123.2410, 6.5110, -2.3610



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.



210.7810, 30.8130, -13.2750



227.5230, 40.1670, -17.6010



218.0250, 14.9060, -27.8620



111.8710, 4.6770, -2.1630



129.8310, 70.9340, -30.0420



36.9680, 20.2210, -8.5390

Inverse Universe

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



175.2190, -30.8130, 13.2750



180.4770, -40.1670, 17.6010



167.9750, -14.9060, 27.8620



106.1290, -4.6770, 2.1630



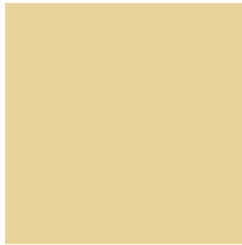
48.5820, -70.6590, 30.5650



14.0320, -20.2210, 8.5390

Previews

White Background



This preview shows how the YIQ color 210.7810, 30.8130, -13.2750 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 210.7810, 30.8130, -13.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

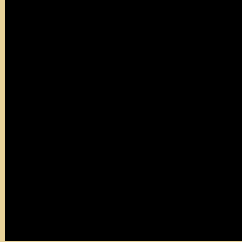
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.7810, 30.8130, -13.2750

Background



This preview shows how black text looks on a background with the YIQ color 210.7810, 30.8130, -13.2750.



This preview shows how white text looks on a background with the YIQ color 210.7810, 30.8130,

-13.2750.

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

210.7810, 30.8130, -13.2750

Protanopia

210.2860, 27.8330, -14.3350

Deuteranopia

212.5810, 43.4200, -4.9640



Tritanopia

215.4740, 16.6410, 12.2970

Trichromacy



Original Color

210.7810, 30.8130, -13.2750

Protanomaly

210.5850, 28.4290, -14.1230

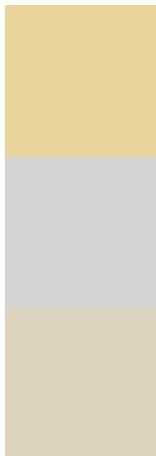
Deuteranomaly

212.1350, 38.7440, -8.3280

Tritanomaly

213.7160, 21.4110, 2.9390

Monochromacy



Original Color

210.7810, 30.8130, -13.2750

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.9980, 11.5090, -4.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.7810, 30.8130, -13.2750 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(232, 211, 154)` looks like.

```
.text, #text, p{  
    color:rgb(232, 211, 154)  
}
```

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(232, 211, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 211, 154) }
```

Border

The CSS property to change the border of an element to YIQ 210.7810, 30.8130, -13.2750 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(232, 211, 154) }
```


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

```
.border{ border-color:rgb(232, 211, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 211, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 211, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 211, 154);  
box-shadow:4px 4px 4px 4px rgb(232, 211,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 210.7810, 30.8130, -13.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 211, 154) }
```

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

```
.background{ background-color: rgb(232,  
211, 154) }
```

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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