

Converting Colors

YIQ(213.5660, 21.4130, -8.1150)

Have a look what the booklet for
YIQ(213.5660, 21.4130, -8.1150)
contains.

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Color

**YIQ(213.5660, 21.4130,
-8.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D5B0
RGB	229, 213, 176
RGB Percent	90%, 84%, 69%
CMY	0.1019, 0.1647, 0.3097
CMYK	0.00, 0.07, 0.23, 0.10
HSL	42°, 50%, 79%
HSV	42°, 23%, 90%
XYZ	63.9462, 67.3794, 50.7245
YIQ	213.5660, 21.4130, -8.1150

Conversions

Conversions Part 2

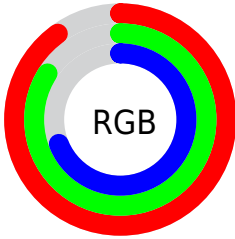
Format	Color
R _Y B	199, 229, 176
Decimal	15062448
CIE Lab	85.70, -0.22, 20.29
CIE LCh	86, 20.296, 90.618
Yxy	67.3794, 0.3513, 0.3701
Android (android.graphics.Color)	4293252528 (0xFFE5D5B0)
YUV	213.5660, -18.5200, 13.5356
Hunter-Lab	82.0850, -4.5929, 20.8211

Details

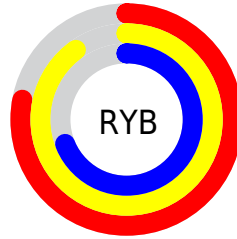
The YIQ color $213.5660, 21.4130, -8.1150$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $191.4340, -21.4130, 8.1150$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $158.4950, 20.1750, -7.7050$ is the 20% darker color. If you saturate the color by 10%, you get $206.8350, 30.7210, -11.6070$, and if you desaturate by 10%, it is $220.2970, 12.1050, -4.6230$.

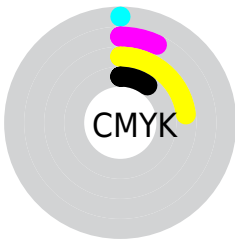
Distribution



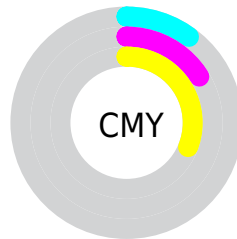
- Red (90%)
- Green (84%)
- Blue (69%)



- Red (78%)
- Yellow (90%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.5660, 21.4130, -8.1150 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 213.5660, 21.4130, -8.1150 by changing the saturation by 10% instead.

■ 213.5660, 21.4130,
-8.1150

■ 213.5660, 21.4130,
-8.1150

255.0000, -0.0000,
-0.0000

■ 185.6800, 21.0920,
-7.8040

■ 252.3780, 7.3830,
-7.1530

■ 158.4950, 20.1750,
-7.7050

■ 132.3100, 19.2580,
-7.6060

■ 107.1250, 18.3410,
-7.5070

■ 82.9400, 17.4240,
-7.4080

■ 59.5700, 15.5900,
-7.2100

■ 37.0430, 15.6360,

-8.0440

■ 18.0410, 9.9500,
-4.1140

■ 0.0000, 0.0000,
0.0000

■ 213.5660, 21.4130,
-8.1150

■ 213.5660, 21.4130,
-8.1150

■ 206.8350, 30.7210,
-11.6070

■ 220.2970, 12.1050,
-4.6230

■ 200.1040, 40.0290,
-15.0990

■ 227.0280, 2.7970,
-1.1310

■ 193.3730, 49.3370,
-18.5910

■ 233.7590, -6.5110,
2.3610

■ 186.6420, 58.6450,
-22.0830

■ 239.0080,
-11.6460, 1.8100

■ 180.0250, 67.6320,
-25.2640

■ 243.1170,
-13.5710, -1.8510

■ 173.2940, 76.9400,
-28.7560

■ 247.2260,
-15.4960, -5.5120

■ 167.1500, 85.9730,
-32.7710

■ 162.3910, 92.4840,
-35.1320

Harmonies

Analogous

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



215.6970, 31.5900, 0.1820



213.5660, 21.4130, -8.1150



211.3790, 5.6420, -14.1500

Triad

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



213.5660, 21.4130, -8.1150



207.3740, -39.5200, -10.6560



218.0700, 12.1470, 16.6510

Complementary

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



213.5660, 21.4130, -8.1150



191.4340, -21.4130, 8.1150

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.



216.0230, -6.8340, 13.7260



213.5660, 21.4130, -8.1150



209.3130, -37.5500, -2.3020

Square

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



213.5660, 21.4130, -8.1150



207.0020, -29.8450, -15.2930



213.2270, -25.2640, 6.3200



217.7310, 26.2230, 14.8550

Rectangle

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



213.5660, 21.4130, -8.1150



209.5670, -6.6910, -16.4110



213.2270, -25.2640, 6.3200



217.2480, 5.7740, 16.5100

Sweetspot

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



213.5660, 21.4130, -8.1150



250.0130, 7.1530, -2.9830



193.7850, 26.1310, 16.5230



124.3980, 4.6310, -1.3290



0.0000, 0.0000, 0.0000



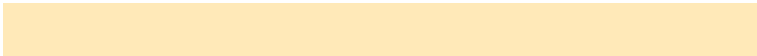
128.0000, -0.0000, -0.0000

Same Dimension

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



213.5660, 21.4130, -8.1150



233.9920, 28.8410, -10.5750



219.9680, 11.0530, -18.6030



111.2840, 4.9520, -1.6400



126.8960, 72.3090, -27.4270



36.3810, 20.4960, -8.0160

Inverse Universe

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



191.4340, -21.4130, 8.1150



204.4210, -28.5660, 11.0980



185.0320, -11.0530, 18.6030



106.7160, -4.9520, 1.6400



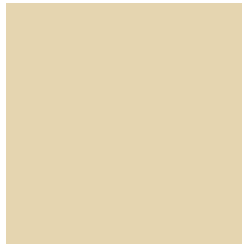
52.1040, -72.3090, 27.4270



14.6190, -20.4960, 8.0160

Previews

White Background



This preview shows how the YIQ color 213.5660, 21.4130, -8.1150 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 213.5660, 21.4130, -8.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

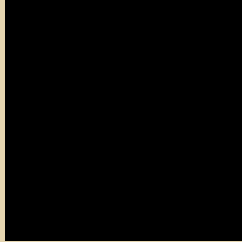
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.5660, 21.4130, -8.1150

Background



This preview shows how black text looks on a background with the YIQ color 213.5660, 21.4130, -8.1150.



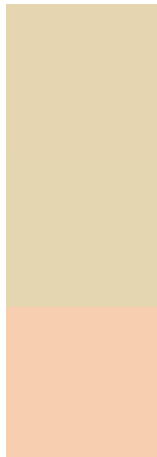
This preview shows how white text looks on a background with the YIQ color 213.5660, 21.4130,

-8.1150.

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

213.5660, 21.4130, -8.1150

Protanopia

213.5550, 19.9460, -9.0620

Deuteranopia

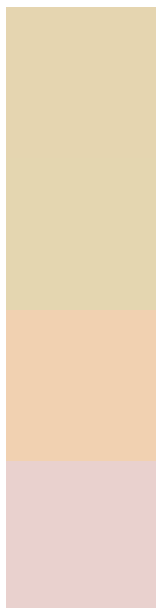
215.2520, 34.3410, -0.1150



Tritanopia

216.6090, 11.8270, 11.4350

Trichromacy



Original Color

213.5660, 21.4130, -8.1150

Protanomaly

213.8540, 20.5420, -8.8500

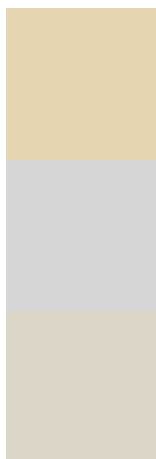
Deuteranomaly

214.9200, 29.3440, -3.1680

Tritanomaly

215.8340, 15.2670, 4.1550

Monochromacy



Original Color

213.5660, 21.4130, -8.1150

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.8990, 7.4740, -3.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.5660, 21.4130, -8.1150 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(229, 213, 176)` looks like.

```
.text, #text, p{  
    color:rgb(229, 213, 176)  
}
```

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(229, 213, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 213, 176) }
```

Border

The CSS property to change the border of an element to YIQ 213.5660, 21.4130, -8.1150 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(229, 213, 176) }
```


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

```
.border{ border-color:rgb(229, 213, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 213, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 213, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 213, 176);  
box-shadow:4px 4px 4px 4px rgb(229, 213,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 213.5660, 21.4130, -8.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 213, 176) }
```

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

```
.background{ background-color: rgb(229,  
213, 176) }
```

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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