

Converting Colors

YIQ(212.9850, 21.5510,
-10.6170)

Have a look what the booklet for
YIQ(212.9850, 21.5510, -10.6170)
contains.

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Color

**YIQ(212.9850, 21.5510,
-10.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D6AB
RGB	227, 214, 171
RGB Percent	89%, 84%, 67%
CMY	0.1098, 0.1608, 0.3293
CMYK	0.00, 0.06, 0.25, 0.11
HSL	46°, 50%, 78%
HSV	46°, 25%, 89%
XYZ	63.0776, 67.3628, 48.2210
YIQ	212.9850, 21.5510, -10.6170

Conversions

Conversions Part 2

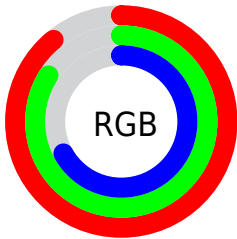
Format	Color
RYB	188, 227, 171
Decimal	14931627
CIELab	85.69, -2.18, 22.87
CIELCh	86, 22.977, 95.433
Yxy	67.3628, 0.3531, 0.3770
Android (android.graphics.Color)	4293121707 (0xFFE3D6AB)
YUV	212.9850, -20.6986, 12.2912
Hunter-Lab	82.0748, -6.4470, 22.6181

Details

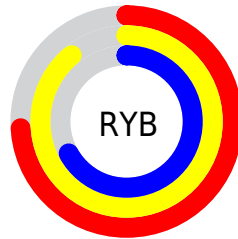
The YIQ color $212.9850, 21.5510, -10.6170$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $185.0150, -21.5510, 10.6170$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, 9.3090, -9.0190$, and $158.0280, 19.9920, -9.8960$ is the 20% darker color. If you saturate the color by 10%, you get $207.4280, 30.3090, -15.1550$, and if you desaturate by 10%, it is $218.5420, 12.7930, -6.0790$.

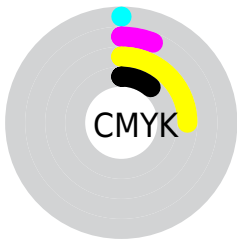
Distribution



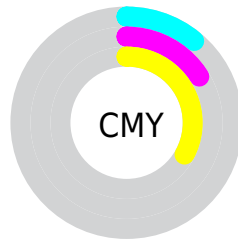
- Red (89%)
- Green (84%)
- Blue (67%)



- Red (74%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.9850, 21.5510, -10.6170 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 212.9850, 21.5510, -10.6170 by changing the saturation by 10% instead.

■ 212.9850, 21.5510,
-10.6170

■ 212.9850, 21.5510,
-10.6170

255.0000, -0.0000,
-0.0000

■ 185.0990, 21.2300,
-10.3060

■ 251.8080, 8.9880,
-8.7080

■ 158.0280, 19.9920,
-9.8960

■ 131.8430, 19.0750,
-9.7970

■ 106.6580, 18.1580,
-9.6980

■ 82.4730, 17.2410,
-9.5990

■ 58.9890, 15.7280,
-9.7120

■ 36.6470, 16.6910,

-10.6450

■ 17.7310, 7.8870,
-5.2730

■ 0.0000, 0.0000,
0.0000

■ 212.9850, 21.5510,
-10.6170

■ 212.9850, 21.5510,
-10.6170

■ 207.4280, 30.3090,
-15.1550

■ 218.5420, 12.7930,
-6.0790

■ 201.3980, 39.0210,
-18.8590

■ 224.5720, 4.0810,
-2.3750

■ 195.8410, 47.7790,
-23.3970

■ 230.1290, -4.6770,
2.1630

■ 190.2840, 56.5370,
-27.9350

■ 234.8880,
-11.1880, 4.5240

■ 184.8410, 64.9740,
-32.1620

■ 237.8230,
-12.5630, 1.9090

■ 178.6970, 74.0070,
-36.1770

■ 241.3450,
-14.2130, -1.2290

■ 173.1400, 82.7650,
-40.7150

■ 244.2800,
-15.5880, -3.8440

■ 170.0110, 87.4420,
-42.8780

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



215.3120, 34.1120, -1.4720



212.9850, 21.5510, -10.6170



210.7160, 3.0750, -17.1890

Triad

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



212.9850, 21.5510, -10.6170



206.2530, -46.4890, -11.0090



218.1030, 16.5480, 19.4920

Complementary

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



212.9850, 21.5510, -10.6170



185.0150, -21.5510, 10.6170

Split Complementary

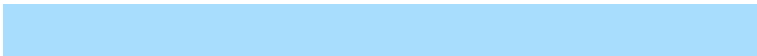
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.6860, -4.2670, 16.7650



212.9850, 21.5510, -10.6170



208.8010, -41.8600, -1.2840

Square

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



212.9850, 21.5510, -10.6170



205.8270, -36.7220, -17.3140



213.2810, -25.3560, 7.9880



217.1120, 29.5240, 15.6040

Rectangle

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



212.9850, 21.5510, -10.6170



208.6480, -11.4130, -18.9410



213.2810, -25.3560, 7.9880



217.8680, 9.9000, 18.8280

Sweetspot

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



212.9850, 21.5510, -10.6170



250.6000, 6.8780, -3.5060



189.2260, 29.2030, 15.9150



124.9850, 4.3560, -1.8520



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.



212.9850, 21.5510, -10.6170



235.7700, 29.3460, -14.2220



216.1310, 9.0360, -20.5960



111.8710, 4.6770, -2.1630



133.9400, 69.0090, -33.7030



38.1420, 19.6710, -9.5850

Inverse Universe

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



185.0150, -21.5510, 10.6170



197.6430, -29.0710, 14.7450



181.8690, -9.0360, 20.5960



106.1290, -4.6770, 2.1630



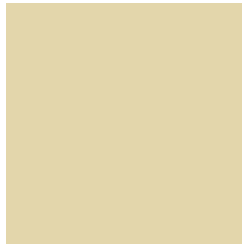
44.4730, -68.7340, 34.2260



12.8580, -19.6710, 9.5850

Previews

White Background



This preview shows how the YIQ color 212.9850, 21.5510, -10.6170 looks on a white background.

Color Contrast Check

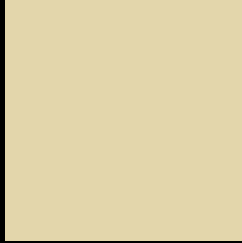
Large Text (above 18pt) WCAG AA × Fail

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 212.9850, 21.5510, -10.6170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

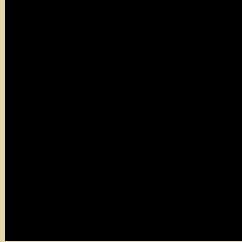
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.9850, 21.5510, -10.6170

Background



This preview shows how black text looks on a background with the YIQ color 212.9850, 21.5510, -10.6170.



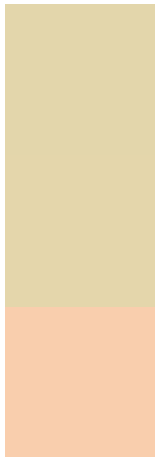
This preview shows how white text looks on a background with the YIQ color 212.9850, 21.5510,

-10.6170.

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

212.9850, 21.5510, -10.6170

Protanopia

213.2840, 22.1470, -10.4050

Deuteranopia

215.0950, 36.2210, -1.1470



Tritanopia

216.5980, 10.3600, 10.4880

Trichromacy



Original Color

212.9850, 21.5510, -10.6170

Protanomaly

213.2840, 22.1470, -10.4050

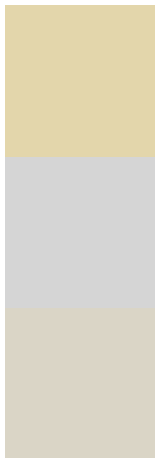
Deuteranomaly

214.3500, 30.9490, -4.7230

Tritanomaly

215.5950, 14.4420, 2.5860

Monochromacy



Original Color

212.9850, 21.5510, -10.6170

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.7850, 7.7950, -3.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.9850, 21.5510, -10.6170 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(227, 214, 171)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 171)  
}
```

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(227, 214, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 171) }
```

Border

The CSS property to change the border of an element to YIQ 212.9850, 21.5510, -10.6170 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(227, 214, 171) }
```


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

```
.border{ border-color:rgb(227, 214, 171) }
```

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

Here you see how a box with a 4 pixel rgb(227, 214, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 171);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 212.9850, 21.5510, -10.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 171) }
```

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

```
.background{ background-color: rgb(227,  
214, 171) }
```

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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