

Converting Colors

YIQ(219.7930, 13.3440,
-10.5600)

Have a look what the booklet for
YIQ(219.7930, 13.3440, -10.5600)
contains.

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Color

**YIQ(219.7930, 13.3440,
-10.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DFBB
RGB	226, 223, 187
RGB Percent	89%, 87%, 73%
CMY	0.1137, 0.1255, 0.2666
CMYK	0.00, 0.01, 0.17, 0.11
HSL	55°, 40%, 81%
HSV	55°, 17%, 89%
XYZ	66.7220, 72.5315, 57.5086
YIQ	219.7930, 13.3440, -10.5600

Conversions

Conversions Part 2

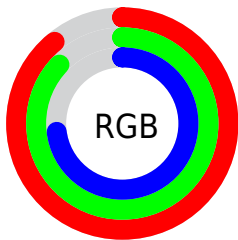
Format	Color
R_{YB}	190, 226, 187
Decimal	14868411
CIE _{Lab}	88.22, -4.87, 18.03
CIE _{LCh}	88, 18.675, 105.111
Yxy	72.5315, 0.3391, 0.3686
Android (android.graphics.Color)	4293058491 (0xFFE2DFBB)
YUV	219.7930, -16.1669, 5.4435
Hunter-Lab	85.1654, -9.1955, 19.5797

Details

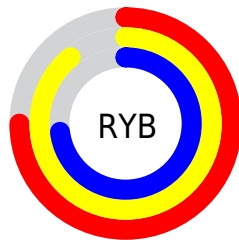
The YIQ color **219.7930, 13.3440, -10.5600** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **193.2070, -13.3440, 10.5600**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.6320, 3.8520, -3.7320**, and **164.7220, 12.1060, -10.1500** is the 20% darker color. If you saturate the color by 10%, you get **215.9970, 21.2770, -16.6670**, and if you desaturate by 10%, it is **223.5890, 5.4110, -4.4530**.

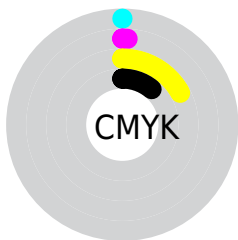
Distribution



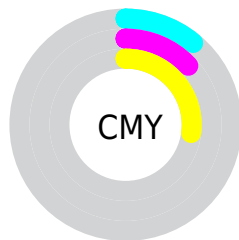
- Red (89%)
- Green (87%)
- Blue (73%)



- Red (75%)
- Yellow (89%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.7930, 13.3440, -10.5600 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 219.7930, 13.3440, -10.5600 by changing the saturation by 10% instead.

■ 219.7930, 13.3440,
-10.5600

■ 219.7930, 13.3440,
-10.5600

255.0000, -0.0000,
-0.0000

■ 191.9070, 13.0230,
-10.2490

■ 253.6320, 3.8520,
-3.7320

■ 164.7220, 12.1060,
-10.1500

■ 138.7220, 12.1060,
-10.1500

■ 112.9500, 11.4640,
-9.5280

■ 88.1780, 10.8220,
-8.9060

■ 64.8790, 10.2260,
-9.1180

■ 42.8080, 8.9880,

-8.7080

■ 22.4490, 8.6210,
-7.5630

■ 0.0000, 0.0000,
0.0000

■ 219.7930, 13.3440,
-10.5600

■ 219.7930, 13.3440,
-10.5600

■ 215.9970, 21.2770,
-16.6670

■ 223.5890, 5.4110,
-4.4530

■ 212.9020, 28.6140,
-22.9860

■ 226.6840, -1.9260,
1.8660

■ 209.1060, 36.5470,
-29.0930

■ 230.4800, -9.8590,
7.9730

■ 205.4240, 44.1590,
-34.8890

■ 231.6540,
-10.4090, 6.9270

■ 201.6280, 52.0920,
-40.9960

■ 232.8280,
-10.9590, 5.8810

■ 198.4190, 59.7500,
-47.6260

■ 233.4150,
-11.2340, 5.3580

■ 194.7370, 67.3620,
-53.4220

■ 234.5890,
-11.7840, 4.3120

■ 190.9410, 75.2950,
-59.5290

■ 235.7630,
-12.3340, 3.2660

■ 190.2570, 77.2210,
-61.3950

■ 236.9370,
-12.8840, 2.2200

Harmonies

Analogous

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



221.6530, 25.7220, -3.6060



219.7930, 13.3440, -10.5600



217.7740, -2.8400, -14.6160

Triad

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



219.7930, 13.3440, -10.5600



215.9770, -36.7240, -6.2600



224.9520, 18.2910, 15.4350

Complementary

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



219.7930, 13.3440, -10.5600



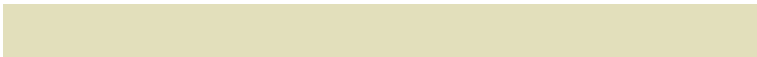
193.2070, -13.3440, 10.5600

Split Complementary

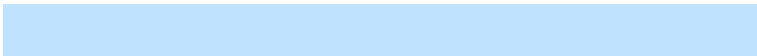
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.3400, 2.5190, 14.9270



219.7930, 13.3440, -10.5600



218.8410, -30.1690, 1.5990

Square

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



219.7930, 13.3440, -10.5600



215.0280, -32.7340, -12.4940



221.8970, -15.4070, 9.4010



223.2100, 26.1320, 10.9960

Rectangle

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



219.7930, 13.3440, -10.5600



216.2010, -14.3480, -15.3080



221.8970, -15.4070, 9.4010



224.7280, 13.1100, 15.7180

Sweetspot

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



219.7930, 13.3440, -10.5600



252.9310, 4.4480, -3.5200



199.0030, 22.2810, 9.2010



126.5010, 2.8430, -1.9650



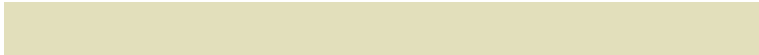
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



219.7930, 13.3440, -10.5600



246.4960, 18.4340, -14.7020



216.7700, 2.9830, -15.5210



110.1590, 3.8060, -2.8980



147.7180, 60.3460, -47.4140



40.7670, 16.2330, -13.3590

Inverse Universe

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



193.2070, -13.3440, 10.5600



210.0910, -18.7090, 14.1790



196.2300, -2.9830, 15.5210



102.8410, -3.8060, 2.8980



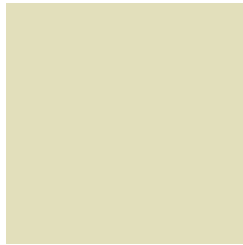
28.2820, -60.3460, 47.4140



7.8200, -16.5080, 12.8360

Previews

White Background



This preview shows how the YIQ color 219.7930, 13.3440, -10.5600 looks on a white background.

Color Contrast Check

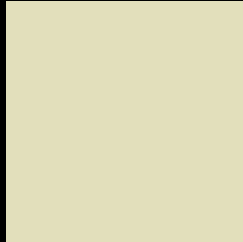
Large Text (above 18pt) WCAG AA × Fail

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 219.7930, 13.3440, -10.5600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

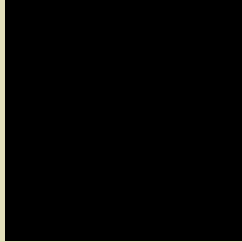
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

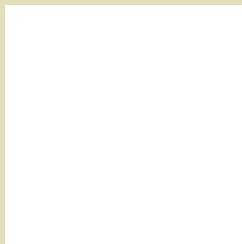
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.7930, 13.3440, -10.5600

Background



This preview shows how black text looks on a background with the YIQ color 219.7930, 13.3440, -10.5600.



This preview shows how white text looks on a background with the YIQ color 219.7930, 13.3440,

-10.5600.

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

219.7930, 13.3440, -10.5600

Protanopia

220.5980, 18.3870, -8.3410

Deuteranopia

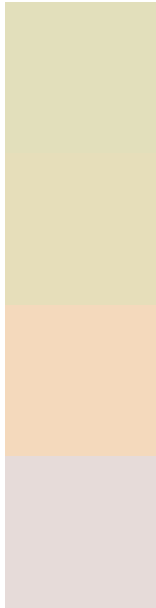
222.5230, 32.1400, 1.2280



Tritanopia

222.8360, 3.7580, 8.9900

Trichromacy



Original Color

219.7930, 13.3440, -10.5600

Protanomaly

220.2880, 16.3240, -9.5000

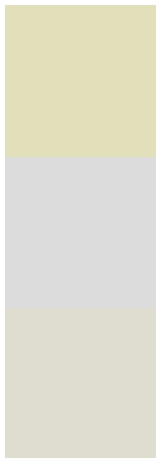
Deuteranomaly

221.7670, 25.4010, -3.2950

Tritanomaly

222.0610, 7.1980, 1.7100

Monochromacy



Original Color

219.7930, 13.3440, -10.5600

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8170, 4.7690, -3.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.7930, 13.3440, -10.5600 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(226, 223, 187)` looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 187)  
}
```

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(226, 223, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 187) }
```

Border

The CSS property to change the border of an element to YIQ 219.7930, 13.3440, -10.5600 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(226, 223, 187) }
```


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

```
.border{ border-color:rgb(226, 223, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 223, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 223, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 223, 187); box-shadow:4px 4px 4px 4px rgb(226, 223, 187) }
```

Background

The CSS property to change the background color of an element to YIQ 219.7930, 13.3440, -10.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 187) }
```

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

```
.background{ background-color: rgb(226,  
223, 187) }
```

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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