

Converting Colors

YIQ(219.3910, 14.5360,
-10.1360)

Have a look what the booklet for
YIQ(219.3910, 14.5360, -10.1360)
contains.

YIQ(219.3910, 14.5360, -10.1360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(219.3910, 14.5360,
-10.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DEBA
RGB	227, 222, 186
RGB Percent	89%, 87%, 73%
CMY	0.1098, 0.1294, 0.2705
CMYK	0.00, 0.02, 0.18, 0.11
HSL	53°, 42%, 81%
HSV	53°, 18%, 89%
XYZ	66.6636, 72.1179, 56.8731
YIQ	219.3910, 14.5360, -10.1360

Conversions

Conversions Part 2

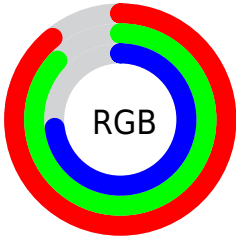
Format	Color
RYB	192, 227, 186
Decimal	14933690
CIELab	88.03, -4.14, 18.28
CIELCh	88, 18.748, 102.765
Yxy	72.1179, 0.3407, 0.3686
Android (android.graphics.Color)	4293123770 (0xFFE3DEBA)
YUV	219.3910, -16.4618, 6.6731
Hunter-Lab	84.9223, -8.4922, 19.7386

Details

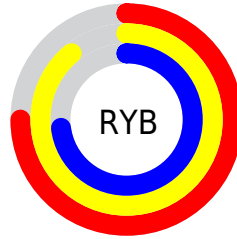
The YIQ color $219.3910, 14.5360, -10.1360$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $193.6090, -14.5360, 10.1360$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, 4.1730, -4.0430$, and $164.3200, 13.2980, -9.7260$ is the 20% darker color. If you saturate the color by 10%, you get $215.0080, 22.7440, -15.7200$, and if you desaturate by 10%, it is $223.7740, 6.3280, -4.5520$.

Distribution



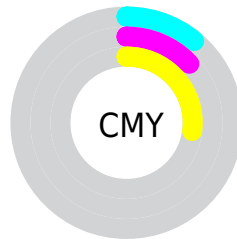
- Red (89%)
- Green (87%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.3910, 14.5360, -10.1360 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 219.3910, 14.5360, -10.1360 by changing the saturation by 10% instead.

■ 219.3910, 14.5360,
-10.1360

■ 219.3910, 14.5360,
-10.1360

255.0000, -0.0000,
-0.0000

■ 191.5050, 14.2150,
-9.8250

■ 253.5180, 4.1730,
-4.0430

■ 164.3200, 13.2980,
-9.7260

■ 138.3200, 13.2980,
-9.7260

■ 112.5480, 12.6560,
-9.1040

■ 88.3630, 11.7390,
-9.0050

■ 64.5910, 11.0970,
-8.3830

■ 42.4060, 10.1800,

-8.2840

■ 22.4490, 8.6210,
-7.5630

■ 0.0000, 0.0000,
0.0000

■ 219.3910, 14.5360,
-10.1360

■ 219.3910, 14.5360,
-10.1360

■ 215.0080, 22.7440,
-15.7200

■ 223.7740, 6.3280,
-4.5520

■ 210.7390, 30.6310,
-20.9930

■ 228.0430, -1.5590,
0.7210

■ 206.9430, 38.5640,
-27.1000

■ 231.8390, -9.4920,
6.8280

■ 202.5600, 46.7720,
-32.6840

■ 233.7140,
-10.6380, 5.5700

■ 198.2910, 54.6590,
-37.9570

■ 235.4750,
-11.4630, 4.0010

■ 193.9080, 62.8670,
-43.5410

■ 237.2360,
-12.2880, 2.4320

■ 190.1120, 70.8000,
-49.6480

■ 238.4100,
-12.8380, 1.3860

■ 185.7290, 79.0080,
-55.2320

■ 240.1710,
-13.6630, -0.1830

■ 184.6860, 80.5670,
-55.9530

■ 241.9320,
-14.4880, -1.7520

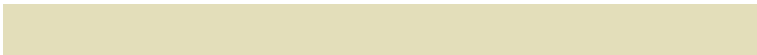
Harmonies

Analogous

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



221.3650, 26.5930, -2.8710



219.3910, 14.5360, -10.1360



217.2580, -1.3270, -14.5030

Triad

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



219.3910, 14.5360, -10.1360



215.4500, -36.6780, -7.0940



224.7670, 17.3740, 15.5340

Complementary

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



219.3910, 14.5360, -10.1360



193.6090, -14.5360, 10.1360

Split Complementary

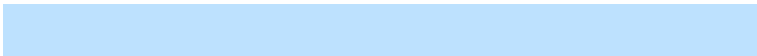
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.4430, 0.7310, 14.2910



219.3910, 14.5360, -10.1360



217.5420, -30.7650, 1.3870

Square

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



219.3910, 14.5360, -10.1360



214.2130, -31.8170, -12.5930



221.2990, -16.5990, 8.9770



223.3240, 25.8110, 11.3070

Rectangle

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



219.3910, 14.5360, -10.1360



215.9730, -13.7060, -15.9300



221.2990, -16.5990, 8.9770



224.4290, 12.5140, 15.5060

Sweetspot

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



219.3910, 14.5360, -10.1360



252.3440, 4.7230, -2.9970



198.8290, 22.8310, 10.2470



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.



219.3910, 14.5360, -10.1360



244.5070, 19.9010, -13.7550



217.8410, 4.2210, -15.9310



112.4580, 4.4020, -2.6860



145.6800, 63.5090, -44.1630



41.6640, 18.0210, -12.7230

Inverse Universe

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



193.6090, -14.5360, 10.1360



209.4930, -19.9010, 13.7550



195.1590, -4.2210, 15.9310



105.5420, -4.4020, 2.6860



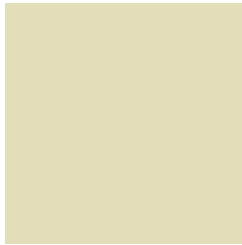
33.3200, -63.5090, 44.1630



9.3360, -18.0210, 12.7230

Previews

White Background



This preview shows how the YIQ color 219.3910, 14.5360, -10.1360 looks on a white background.

Color Contrast Check

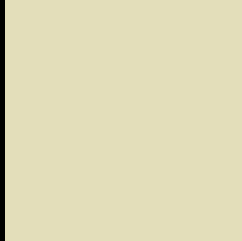
Large Text (above 18pt) WCAG AA × Fail

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 219.3910, 14.5360, -10.1360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

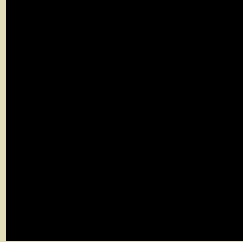
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

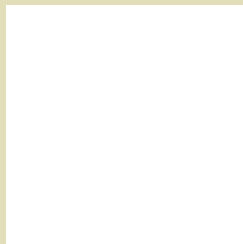
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.3910, 14.5360, -10.1360

Background



This preview shows how black text looks on a background with the YIQ color 219.3910, 14.5360, -10.1360.



This preview shows how white text looks on a background with the YIQ color 219.3910, 14.5360,

-10.1360.

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

219.3910, 14.5360, -10.1360

Protanopia

219.8970, 18.9830, -8.1290

Deuteranopia

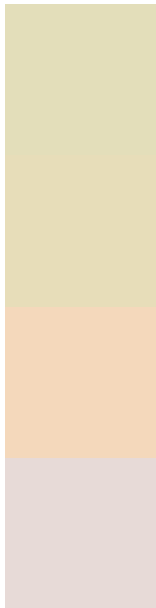
221.8220, 32.7360, 1.4400



Tritanopia

222.3200, 5.2710, 9.1030

Trichromacy



Original Color

219.3910, 14.5360, -10.1360

Protanomaly

219.8860, 17.5160, -9.0760

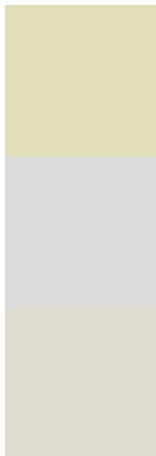
Deuteranomaly

221.0660, 25.9970, -3.0830

Tritanomaly

221.5450, 8.7110, 1.8230

Monochromacy



Original Color

219.3910, 14.5360, -10.1360

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.1160, 5.3650, -3.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.3910, 14.5360, -10.1360 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, 222, 186)` looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 186)  
}
```

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, 222, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 186) }
```

Border

The CSS property to change the border of an element to YIQ 219.3910, 14.5360, -10.1360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

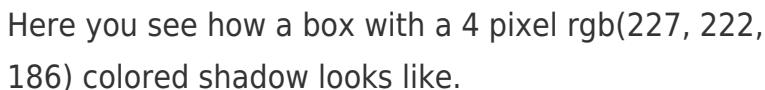
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 222, 186) }
```


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

```
.border{ border-color:rgb(227, 222, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 222, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 222, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 222, 186); box-shadow:4px 4px 4px 4px rgb(227, 222, 186) }
```

Background

The CSS property to change the background color of an element to YIQ 219.3910, 14.5360, -10.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 186) }
```

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

```
.background{ background-color: rgb(227,  
222, 186) }
```

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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