

Converting Colors

YIQ(231.0410, 9.9500, -4.1140)

Have a look what the booklet for
YIQ(231.0410, 9.9500, -4.1140)
contains.

YIQ(231.0410, 9.9500, -4.1140)	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(231.0410, 9.9500,
-4.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE7D5
RGB	238, 231, 213
RGB Percent	93%, 91%, 84%
CMY	0.0667, 0.0941, 0.1646
CMYK	0.00, 0.03, 0.10, 0.07
HSL	43°, 42%, 88%
HSV	43°, 10%, 93%
XYZ	75.8474, 80.1323, 74.4294
YIQ	231.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

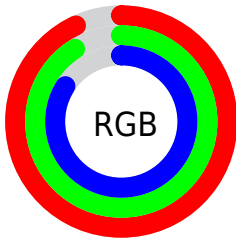
Format	Color
RYB	223, 238, 213
Decimal	15656917
CIELab	91.74, -0.64, 9.59
CIElCh	92, 9.607, 93.838
Yxy	80.1323, 0.3292, 0.3478
Android (android.graphics.Color)	4293846997 (0xFFEEE7D5)
YUV	231.0410, -8.8942, 6.1030
Hunter-Lab	89.5167, -5.4112, 13.3645

Details

The YIQ color $231.0410, 9.9500, -4.1140$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $219.9590, -9.9500, 4.1140$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.1550, 9.6290, -3.8030$ is the 20% darker color. If you saturate the color by 10%, you get $224.1960, 19.5790, -7.9170$, and if you desaturate by 10%, it is $237.8860, 0.3210, -0.3110$.

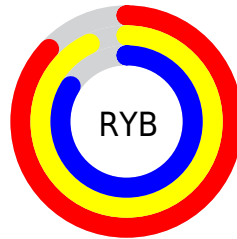
Distribution



Red (93%)

Green (91%)

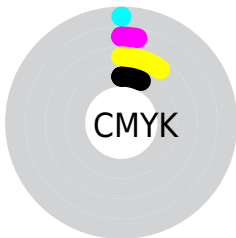
Blue (84%)



Red (87%)

Yellow (93%)

Blue (84%)

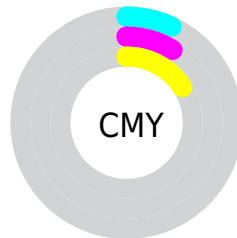


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (7%)



Cyan (7%)

Magenta (9%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.0410, 9.9500, -4.1140 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 231.0410, 9.9500, -4.1140 by changing the saturation by 10% instead.

■ 231.0410, 9.9500,
-4.1140

■ 231.0410, 9.9500,
-4.1140

255.0000, -0.0000,
-0.0000

■ 203.0410, 9.9500,
-4.1140

■ 175.1550, 9.6290,
-3.8030

■ 148.8560, 9.0330,
-4.0150

■ 122.9700, 8.7120,
-3.7040

■ 98.0840, 8.3910,
-3.3930

■ 74.1980, 8.0700,
-3.0820

■ 51.8990, 7.4740,

-3.2940

■ 30.6000, 6.8780,
-3.5060

■ 6.5010, 2.8430,
-1.9650

■ 231.0410, 9.9500,
-4.1140

■ 231.0410, 9.9500,
-4.1140

■ 224.1960, 19.5790,
-7.9170

■ 237.8860, 0.3210,
-0.3110

■ 217.9380, 28.9330,
-12.2430

■ 243.4600, -7.1070,
2.1490

■ 211.2070, 38.2410,
-15.7350

■ 247.5690, -9.0320,
-1.5120

■ 204.3620, 47.8700,
-19.5380

■ 249.9170,
-10.1320, -3.6040

■ 198.1040, 57.2240,
-23.8640

■ 191.2590, 66.8530,
-27.6670

■ 184.4140, 76.4820,
-31.4700

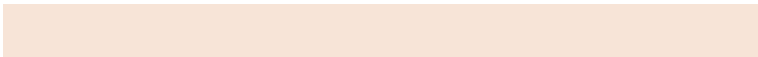
■ 178.2700, 85.5150,
-35.4850

■ 171.5390, 94.8230,
-38.9770

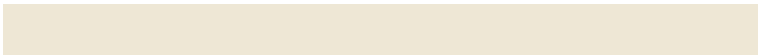
Harmonies

Analogous

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



232.1990, 15.4970, -0.0150



231.0410, 9.9500, -4.1140



229.8550, 1.6060, -7.0820

Triad

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



231.0410, 9.9500, -4.1140



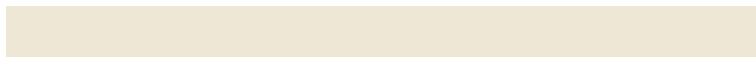
228.4970, -17.6970, -4.1690



233.2770, 6.8300, 8.3820

Complementary

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



231.0410, 9.9500, -4.1140



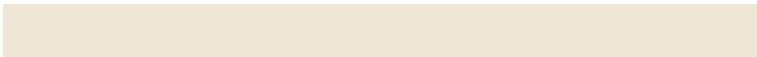
219.9590, -9.9500, 4.1140

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.



232.8460, -2.2020, 6.8700



231.0410, 9.9500, -4.1140



229.6160, -16.4140, 0.1140

Square

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



231.0410, 9.9500, -4.1140



228.3570, -14.4870, -7.2790



231.2470, -10.8210, 3.3790



233.3440, 13.8910, 7.0670

Rectangle

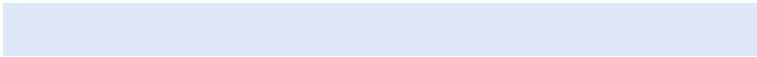
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.0410, 9.9500, -4.1140



228.8050, -4.1250, -7.8450



231.2470, -10.8210, 3.3790



233.1950, 4.1250, 7.8450

Sweetspot

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



231.0410, 9.9500, -4.1140



252.9140, 3.1180, -1.4420



221.2730, 12.6530, 7.4770



126.1420, 2.4760, -0.8200



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.



231.0410, 9.9500, -4.1140



245.9550, 13.0680, -5.5560



233.6550, 5.0450, -8.8350



116.2840, 4.9520, -1.6400



132.5000, 73.3640, -30.0280



40.2240, 22.3760, -9.0480

Inverse Universe

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



219.9590, -9.9500, 4.1140



231.0450, -13.0680, 5.5560



217.3450, -5.0450, 8.8350



111.1290, -4.6770, 2.1630



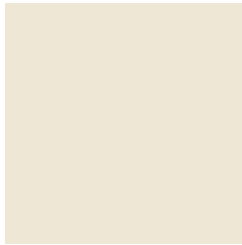
50.9130, -73.0890, 30.5510



15.7760, -22.3760, 9.0480

Previews

White Background



This preview shows how the YIQ color 231.0410, 9.9500, -4.1140 looks on a white background.

Color Contrast Check

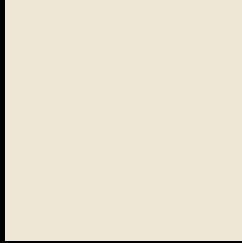
Large Text (above 18pt) WCAG AA × Fail

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 231.0410, 9.9500, -4.1140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

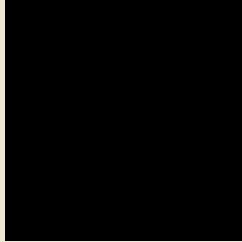
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

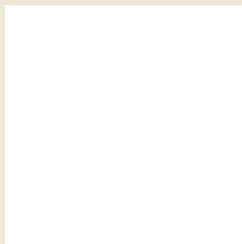
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.0410, 9.9500, -4.1140

Background



This preview shows how black text looks on a background with the YIQ color 231.0410, 9.9500, -4.1140.



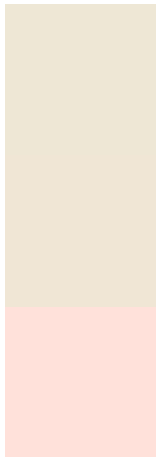
This preview shows how white text looks on a background with the YIQ color 231.0410, 9.9500, -4.1140.

-4.1140.

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

231.0410, 9.9500, -4.1140

Protanopia

231.0520, 11.4170, -3.1670

Deuteranopia

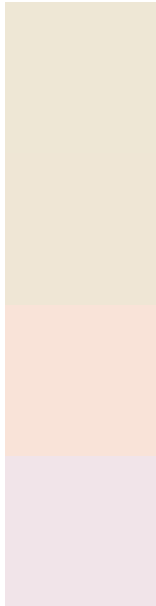
233.1720, 20.1270, 4.1830



Tritanopia

232.8360, 3.7580, 8.9900

Trichromacy



Original Color

231.0410, 9.9500, -4.1140

Protanomaly

230.7530, 10.8210, -3.3790

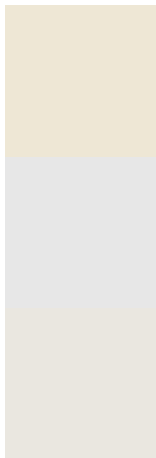
Deuteranomaly

232.3240, 16.6430, 1.2430

Tritanomaly

232.4570, 6.1430, 4.3110

Monochromacy



Original Color

231.0410, 9.9500, -4.1140

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.0990, 4.0350, -1.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.0410, 9.9500, -4.1140 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(238, 231, 213)` looks like.

```
.text, #text, p{  
    color:rgb(238, 231, 213)  
}
```

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(238, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 231, 213) }
```

Border

The CSS property to change the border of an element to YIQ 231.0410, 9.9500, -4.1140 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(238, 231, 213) }
```


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

```
.border{ border-color:rgb(238, 231, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 231, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(238, 231,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 231.0410, 9.9500, -4.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 231, 213) }
```

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

```
.background{ background-color: rgb(238,  
231, 213) }
```

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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