

Converting Colors

YIQ(231.8810, 15.9120,
-13.0480)

Have a look what the booklet for
YIQ(231.8810, 15.9120, -13.0480)
contains.

YIQ(231.8810, 15.9120, -13.0480)	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(231.8810, 15.9120,
-13.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	EFECC0
RGB	239, 236, 192
RGB Percent	94%, 93%, 75%
CMY	0.0628, 0.0745, 0.2470
CMYK	0.00, 0.01, 0.20, 0.06
HSL	56°, 59%, 85%
HSV	56°, 20%, 94%
XYZ	75.1071, 82.1468, 61.7809
YIQ	231.8810, 15.9120, -13.0480

Conversions

Conversions Part 2

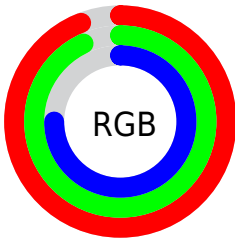
Format	Color
RYB	195, 239, 192
Decimal	15723712
CIELab	92.64, -6.02, 21.73
CIELCh	93, 22.552, 105.473
Yxy	82.1468, 0.3429, 0.3750
Android (android.graphics.Color)	4293913792 (0xFFFEFEC0)
YUV	231.8810, -19.6613, 6.2434
Hunter-Lab	90.6349, -10.6921, 23.0296

Details

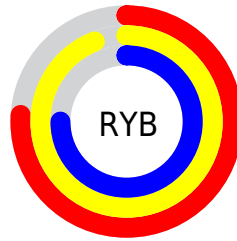
The YIQ color $231.8810, 15.9120, -13.0480$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $199.1190, -15.9120, 13.0480$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, 1.9260, -1.8660$, and $176.1090, 15.2700, -12.4260$ is the 20% darker color. If you saturate the color by 10%, you get $227.9710, 24.1660, -19.4660$, and if you desaturate by 10%, it is $235.7910, 7.6580, -6.6300$.

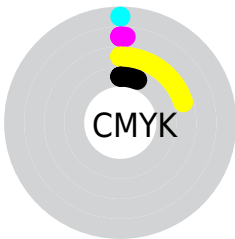
Distribution



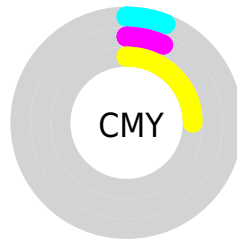
- Red (94%)
- Green (93%)
- Blue (75%)



- Red (76%)
- Yellow (94%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.8810, 15.9120, -13.0480 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 231.8810, 15.9120, -13.0480 by changing the saturation by 10% instead.

■ 231.8810, 15.9120,
-13.0480

■ 231.8810, 15.9120,
-13.0480

255.0000, -0.0000,
-0.0000

■ 203.6960, 14.9950,
-12.9490

■ 254.3160, 1.9260,
-1.8660

■ 176.1090, 15.2700,
-12.4260

■ 149.9240, 14.3530,
-12.3270

■ 123.7390, 13.4360,
-12.2280

■ 98.8530, 13.1150,
-11.9170

■ 74.7820, 11.8770,
-11.5070

■ 51.8960, 11.5560,

-11.1960

■ 30.4230, 11.5100,
-10.3620

■ 8.2180, -3.8500,
-7.3220

■ 231.8810, 15.9120,
-13.0480

■ 231.8810, 15.9120,
-13.0480

■ 227.9710, 24.1660,
-19.4660

■ 235.7910, 7.6580,
-6.6300

■ 224.6480, 32.1450,
-26.4070

■ 239.1140, -0.3210,
0.3110

■ 220.7380, 40.3990,
-32.8250

■ 241.9980, -5.6860,
3.9300

■ 217.4150, 48.3780,
-39.7660

■ 242.5850, -5.9610,
3.4070

■ 213.6190, 56.3110,
-45.8730

■ 243.7590, -6.5110,
2.3610

■ 210.2960, 64.2900,
-52.8140

■ 244.3460, -6.7860,
1.8380

■ 206.3860, 72.5440,
-59.2320

■ 245.5200, -7.3360,
0.7920

■ 203.0630, 80.5230,
-66.1730

■ 246.1070, -7.6110,
0.2690

■ 202.9490, 80.8440,
-66.4840

■ 247.2810, -8.1610,
-0.7770

Harmonies

Analogous

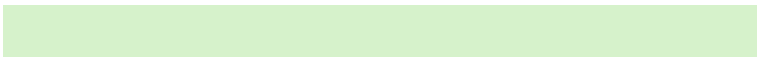
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.5560, 27.3730, -5.9950



231.8810, 15.9120, -13.0480



229.1820, -4.1690, -18.0650

Triad

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



231.8810, 15.9120, -13.0480



225.8190, -42.2710, -10.3590



233.3150, 12.8350, 15.1950

Complementary

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



231.8810, 15.9120, -13.0480



199.1190, -15.9120, 13.0480

Split Complementary

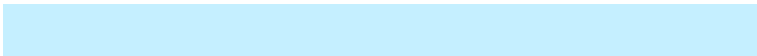
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.1940, 5.8660, 14.8420



231.8810, 15.9120, -13.0480



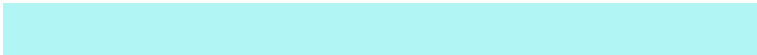
228.2660, -30.1680, -3.9280

Square

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



231.8810, 15.9120, -13.0480



225.2550, -40.8030, -14.9390



232.2300, -12.1510, 5.4570



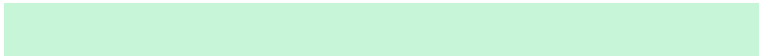
230.2200, 20.1720, 8.8760

Rectangle

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



231.8810, 15.9120, -13.0480



227.5270, -18.3820, -19.2940



232.2300, -12.1510, 5.4570



234.7000, 10.3130, 16.8490

Sweetspot

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



231.8810, 15.9120, -13.0480



252.7030, 5.0900, -4.1420



206.3950, 27.0490, 10.8970



126.3870, 3.1640, -2.2760



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.



231.8810, 15.9120, -13.0480



245.6980, 20.6810, -16.8790



227.6620, 3.1670, -18.8570



118.0450, 4.1270, -3.2090



155.9800, 62.3640, -50.9480



47.8550, 18.8010, -15.8470

Inverse Universe

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



199.1190, -15.9120, 13.0480



203.3020, -20.6810, 16.8790



203.3380, -3.1670, 18.8570



109.9550, -4.1270, 3.2090



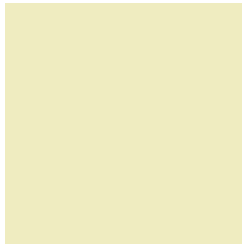
28.0200, -62.3640, 50.9480



8.7320, -19.0760, 15.3240

Previews

White Background



This preview shows how the YIQ color 231.8810, 15.9120, -13.0480 looks on a white background.

Color Contrast Check

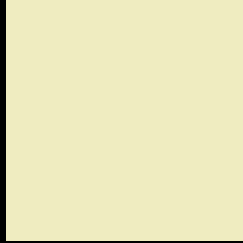
Large Text (above 18pt) WCAG AA × Fail

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 231.8810, 15.9120, -13.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

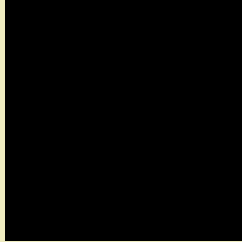
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

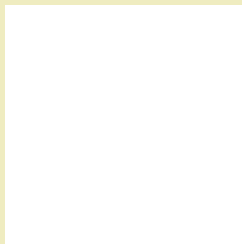
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.8810, 15.9120, -13.0480

Background



This preview shows how black text looks on a background with the YIQ color 231.8810, 15.9120, -13.0480.



This preview shows how white text looks on a background with the YIQ color 231.8810, 15.9120, -13.0480.

-13.0480.

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

231.8810, 15.9120, -13.0480

Protanopia

232.6970, 22.4220, -9.8820

Deuteranopia

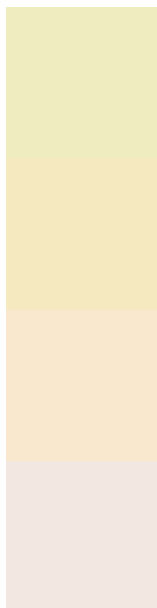
234.9500, 20.6320, 0.5360



Tritanopia

235.4340, 4.9500, 9.4140

Trichromacy



Original Color

231.8810, 15.9120, -13.0480

Protanomaly

232.3870, 20.3590, -11.0410

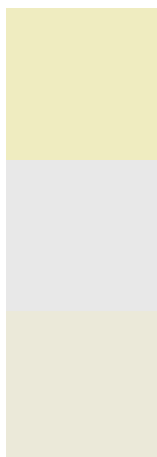
Deuteranomaly

234.0050, 18.7990, -4.7930

Tritanomaly

234.0180, 8.7570, 0.9890

Monochromacy



Original Color

231.8810, 15.9120, -13.0480

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.7740, 6.3280, -4.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.8810, 15.9120, -13.0480 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(239, 236, 192)` looks like.

```
.text, #text, p{  
    color:rgb(239, 236, 192)  
}
```

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(239, 236, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 236, 192) }
```

Border

The CSS property to change the border of an element to YIQ 231.8810, 15.9120, -13.0480 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(239, 236, 192) }
```


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

```
.border{ border-color:rgb(239, 236, 192) }
```

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

Here you see how a box with a 4 pixel rgb(239, 236, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 236, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 236, 192);  
box-shadow:4px 4px 4px 4px rgb(239, 236,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 231.8810, 15.9120, -13.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 236, 192) }
```

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

```
.background{ background-color: rgb(239,  
236, 192) }
```

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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