

Converting Colors

YIQ(230.7150, 13.9840, -0.1280)

Have a look what the booklet for
YIQ(230.7150, 13.9840, -0.1280)
contains.

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Color

**YIQ(230.7150, 13.9840,
-0.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E3D7
RGB	244, 227, 215
RGB Percent	96%, 89%, 84%
CMY	0.0431, 0.1098, 0.1568
CMYK	0.00, 0.07, 0.12, 0.04
HSL	25°, 57%, 90%
HSV	25°, 12%, 96%
XYZ	77.0461, 79.0760, 75.5035
YIQ	230.7150, 13.9840, -0.1280

Conversions

Conversions Part 2

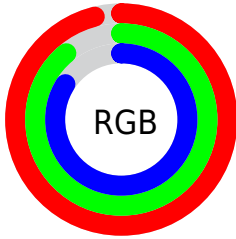
Format	Color
R_{YB}	244, 235, 215
Decimal	16049111
CIE Lab	91.27, 3.84, 7.92
CIE LCh	91, 8.802, 64.156
Yxy	79.0760, 0.3326, 0.3414
Android (android.graphics.Color)	4294239191 (0xFFFF4E3D7)
YUV	230.7150, -7.7475, 11.6509
Hunter-Lab	88.9247, -0.9622, 11.9057

Details

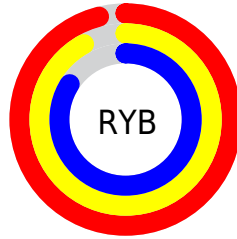
The YIQ color $230.7150, 13.9840, -0.1280$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $228.2850, -13.9840, 0.1280$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.4160, 13.3880, -0.3400$ is the 20% darker color. If you saturate the color by 10%, you get $219.7610, 25.5380, -0.2700$, and if you desaturate by 10%, it is $241.6690, 2.4300, 0.0140$.

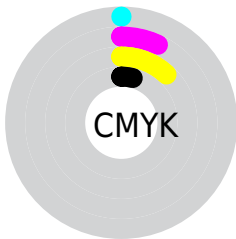
Distribution



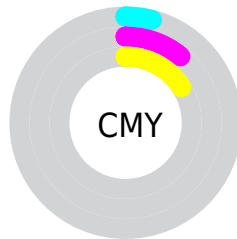
- Red (96%)
- Green (89%)
- Blue (84%)



- Red (96%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.7150, 13.9840, -0.1280 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 230.7150, 13.9840, -0.1280 by changing the saturation by 10% instead.

230.7150, 13.9840,
-0.1280

230.7150, 13.9840,
-0.1280

255.0000, -0.0000,
-0.0000

202.7150, 13.9840,
-0.1280

175.4160, 13.3880,
-0.3400

148.5300, 13.0670,
-0.0290

122.3450, 12.1500,
0.0700

98.0460, 11.5540,
-0.1420

73.7470, 10.9580,
-0.3540

51.5620, 10.0410,

-0.2550

■ 30.2630, 9.4450,
-0.4670

■ 5.3710, 9.2610,
2.8690

■ 230.7150, 13.9840,
-0.1280

■ 230.7150, 13.9840,
-0.1280

■ 219.7610, 25.5380,
-0.2700

■ 241.6690, 2.4300,
0.0140

■ 208.1060, 37.6880,
-0.2000

■ 251.7110, -6.5560,
-2.3320

■ 197.1520, 49.2420,
-0.3420

■ 186.0840, 61.1170,
-0.7950

■ 174.5430, 72.9460,
-0.4140

■ 163.5890, 84.5000,
-0.5560

■ 152.5210, 96.3750,
-1.0090

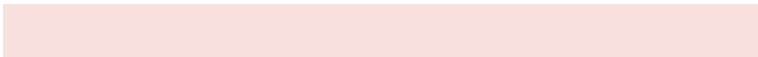
■ 140.9800,
108.2040, -0.6280

■ 132.2430,
117.6490, -1.0950

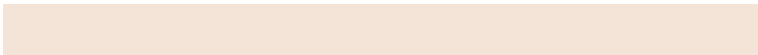
Harmonies

Analogous

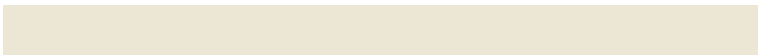
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.4210, 14.9920, 3.6320



230.7150, 13.9840, -0.1280



229.8560, 9.0330, -4.0150

Triad

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



230.7150, 13.9840, -0.1280



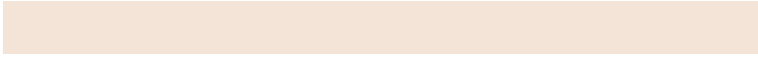
227.3680, -13.0200, -6.3320



230.7320, -1.8810, 6.5590

Complementary

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



230.7150, 13.9840, -0.1280



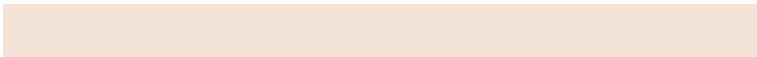
228.2850, -13.9840, 0.1280

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.



229.8450, -9.6290, 3.8030



230.7150, 13.9840, -0.1280



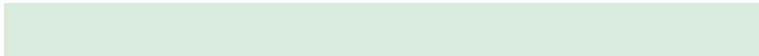
227.9810, -16.1840, -4.0560

Square

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



230.7150, 13.9840, -0.1280



227.5490, -6.2800, -7.3360



228.6870, -15.1760, -0.2960



231.4510, 6.2800, 7.3360

Rectangle

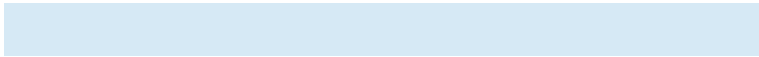
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.7150, 13.9840, -0.1280



229.4640, 4.2650, -5.7110



228.6870, -15.1760, -0.2960



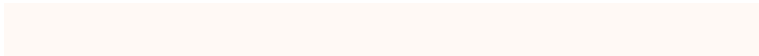
230.5360, -4.2650, 5.7110

Sweetspot

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



230.7150, 13.9840, -0.1280



250.3380, 4.8600, 0.0280



225.6090, 11.8270, 11.4350



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



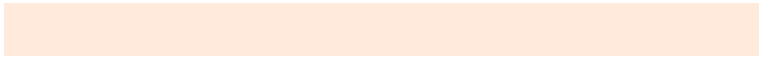
128.0000, -0.0000, -0.0000

Same Dimension

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



230.7150, 13.9840, -0.1280



238.5690, 17.3310, -0.2130



238.9330, 10.1340, -7.4500



116.5230, 5.7770, -0.0710



100.8130, 89.6810, -0.8390



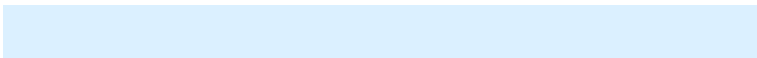
31.7290, 28.5640, -0.0440

Inverse Universe

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



228.2850, -13.9840, 0.1280



235.4310, -17.3310, 0.2130



220.0670, -10.1340, 7.4500



115.4770, -5.7770, 0.0710



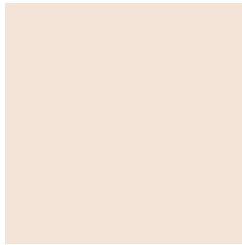
85.1870, -89.6810, 0.8390



26.6840, -28.2890, 0.5670

Previews

White Background



This preview shows how the YIQ color 230.7150, 13.9840, -0.1280 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 230.7150, 13.9840, -0.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

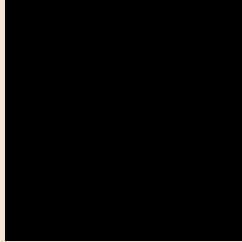
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.7150, 13.9840, -0.1280

Background



This preview shows how black text looks on a background with the YIQ color 230.7150, 13.9840, -0.1280.



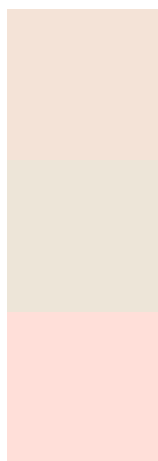
This preview shows how white text looks on a background with the YIQ color 230.7150, 13.9840, -0.1280.

-0.1280.

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

230.7150, 13.9840, -0.1280

Protanopia

229.9100, 8.9410, -2.3470

Deuteranopia

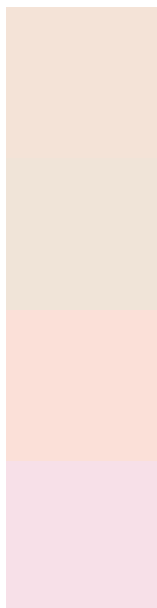
231.8840, 20.9980, 4.9180



Tritanopia

232.5270, 9.1220, 10.8980

Trichromacy



Original Color

230.7150, 13.9840, -0.1280

Protanomaly

230.2200, 11.0040, -1.1880

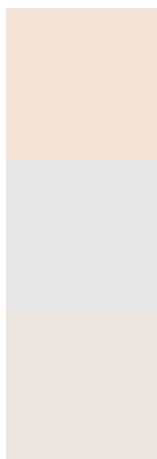
Deuteranomaly

231.1610, 18.6600, 3.2360

Tritanomaly

231.7890, 11.1400, 7.3640

Monochromacy



Original Color

230.7150, 13.9840, -0.1280

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.2240, 5.1810, -0.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.7150, 13.9840, -0.1280 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(244, 227, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 227, 215)  
}
```

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(244, 227, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 227, 215) }
```

Border

The CSS property to change the border of an element to YIQ 230.7150, 13.9840, -0.1280 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(244, 227, 215) }
```


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

```
.border{ border-color:rgb(244, 227, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 227, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 227, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 227, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 227,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 230.7150, 13.9840, -0.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 227, 215) }
```

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

```
.background{ background-color: rgb(244,  
227, 215) }
```

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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