

Converting Colors

YIQ(231.9860, 28.9780, -7.5500)

Have a look what the booklet for
YIQ(231.9860, 28.9780, -7.5500)
contains.

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Color

**YIQ(231.9860, 28.9780,
-7.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5BB
RGB	255, 229, 187
RGB Percent	100%, 90%, 73%
CMY	0.0000, 0.1020, 0.2665
CMYK	0.00, 0.10, 0.27, 0.00
HSL	37°, 100%, 87%
HSV	37°, 27%, 100%
XYZ	78.2299, 80.8820, 58.5235
YIQ	231.9860, 28.9780, -7.5500

Conversions

Conversions Part 2

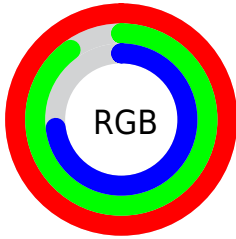
Format	Color
R _Y B	229, 255, 187
Decimal	16770491
CIE Lab	92.08, 2.72, 23.73
CIE LCh	92, 23.886, 83.463
Yxy	80.8820, 0.3595, 0.3716
Android (android.graphics.Color)	4294960571 (0xFFFFE5BB)
YUV	231.9860, -22.1781, 20.1833
Hunter-Lab	89.9344, -2.1160, 24.3720

Details

The YIQ color **231.9860, 28.9780, -7.5500** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **210.0140, -28.9780, 7.5500**, and the grayscale version is **232.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.6320, 3.8520, -3.7320**, and **176.6160, 27.1440, -7.3520** is the 20% darker color. If you saturate the color by 10%, you get **223.2660, 39.7530, -10.0950**, and if you desaturate by 10%, it is **240.8200, 17.8820, -4.6940**.

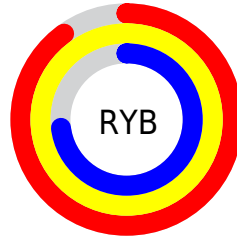
Distribution



Red (100%)

Green (90%)

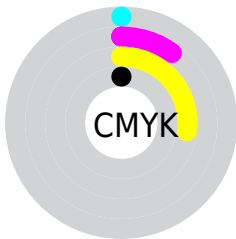
Blue (73%)



Red (90%)

Yellow (100%)

Blue (73%)

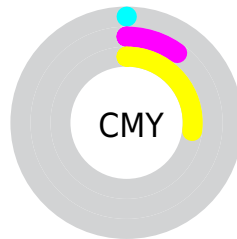


Cyan (0%)

Magenta (10%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (10%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 231.9860, 28.9780, -7.5500 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 231.9860, 28.9780, -7.5500 by changing the saturation by 10% instead.


 231.9860, 28.9780,
-7.5500


 231.9860, 28.9780,
-7.5500

255.0000, -0.0000,
-0.0000


 203.8010, 28.0610,
-7.4510


 253.6320, 3.8520,
-3.7320

 176.6160, 27.1440,
-7.3520

 149.4310, 26.2270,
-7.2530

 123.3600, 24.9890,
-6.8430

 98.4630, 23.2010,
-7.4790

 74.3920, 21.9630,
-7.0690

 51.4950, 20.1750,

-7.7050

■ 30.7660, 17.9740,
-6.3620

■ 8.0180, 8.7570,
0.9890

■ 231.9860, 28.9780,
-7.5500

■ 231.9860, 28.9780,
-7.5500

■ 223.2660, 39.7530,
-10.0950

■ 240.8200, 17.8820,
-4.6940

■ 214.4320, 50.8490,
-12.9510

■ 249.5400, 7.1070,
-2.1490

■ 206.2990, 61.3490,
-16.0190

■ 255.0000, -0.0000,
-0.0000

■ 197.4650, 72.4450,
-18.8750

■ 188.7450, 83.2200,
-21.4200

■ 179.9110, 94.3160,
-24.2760

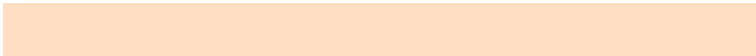
■ 171.7780,
104.8160, -27.3440

■ 168.4040,
108.8050, -28.0510

Harmonies

Analogous

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



228.9030, 28.0140, -1.0900



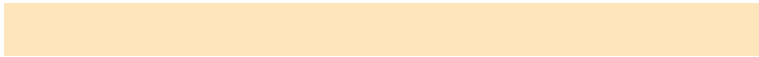
231.9860, 28.9780, -7.5500



229.2610, 11.7860, -15.3660

Triad

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



231.9860, 28.9780, -7.5500



223.1450, -46.3050, -14.3450



235.0420, 9.3500, 17.7820

Complementary

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



231.9860, 28.9780, -7.5500



210.0140, -28.9780, 7.5500

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.



231.6760, -7.4750, 8.8210



231.9860, 28.9780, -7.5500



224.0470, -42.9130, -9.7370

Square

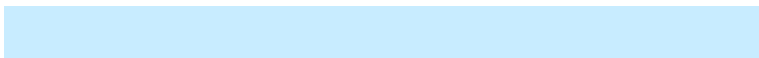
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.9860, 28.9780, -7.5500



223.9970, -31.4490, -19.2650



227.4020, -27.5550, -1.7230



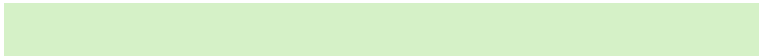
230.7560, 15.9070, 14.5870

Rectangle

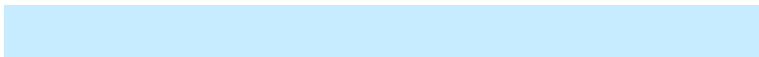
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.9860, 28.9780, -7.5500



227.8400, -3.2060, -18.9980



227.4020, -27.5550, -1.7230



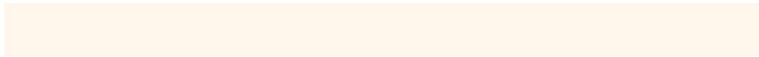
234.4220, 5.2240, 15.4640

Sweetspot

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



231.9860, 28.9780, -7.5500



248.0240, 8.6200, -2.0360



210.2960, 32.1820, 22.5020



123.5830, 5.5480, -1.4280



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.



231.9860, 28.9780, -7.5500



227.4550, 34.8470, -9.2890



244.8560, 17.0600, -22.8440



123.5830, 5.5480, -1.4280



126.3750, 81.3860, -21.2220



42.0290, 27.4190, -6.8290

Inverse Universe

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



210.0140, -28.9780, 7.5500



201.1320, -35.1220, 8.7660



197.1440, -17.0600, 22.8440



119.4170, -5.5480, 1.4280



64.6250, -81.3860, 21.2220



21.3840, -27.1440, 7.3520

Previews

White Background



This preview shows how the YIQ color 231.9860, 28.9780, -7.5500 looks on a white background.

Color Contrast Check

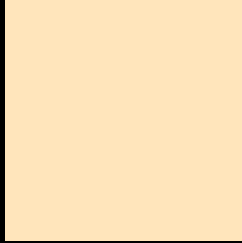
Large Text (above 18pt) WCAG AA × Fail

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 231.9860, 28.9780, -7.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

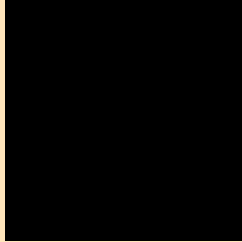
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 231.9860, 28.9780, -7.5500

Background



This preview shows how black text looks on a background with the YIQ color 231.9860, 28.9780, -7.5500.



This preview shows how white text looks on a background with the YIQ color 231.9860, 28.9780,

-7.5500.

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

231.9860, 28.9780, -7.5500

Protanopia

231.1700, 22.4680, -10.7160

Deuteranopia

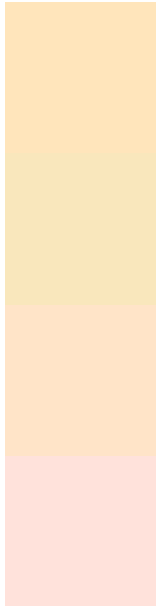
233.2060, 22.7870, 0.0270



Tritanopia

234.8650, 13.9820, 10.9260

Trichromacy



Original Color

231.9860, 28.9780, -7.5500

Protanomaly

231.4800, 24.5310, -9.5570

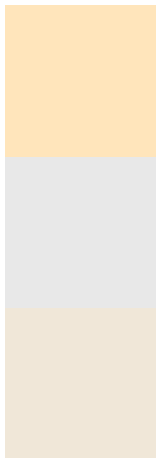
Deuteranomaly

232.8810, 25.0800, -2.9840

Tritanomaly

233.8730, 19.5310, 3.9710

Monochromacy



Original Color

231.9860, 28.9780, -7.5500

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.9810, 10.1790, -2.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.9860, 28.9780, -7.5500 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(255, 229, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 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(255, 229, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 187) }
```

Border

The CSS property to change the border of an element to YIQ 231.9860, 28.9780, -7.5500 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(255, 229, 187) }
```


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

```
.border{ border-color:rgb(255, 229, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 231.9860, 28.9780, -7.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 187) }
```

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

```
.background{ background-color: rgb(255,  
229, 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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