

Converting Colors

YIQ(225.3140, 30.6300,
-15.4660)

Have a look what the booklet for
YIQ(225.3140, 30.6300, -15.4660)
contains.

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Color

**YIQ(225.3140, 30.6300,
-15.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E3A5
RGB	245, 227, 165
RGB Percent	96%, 89%, 65%
CMY	0.0392, 0.1098, 0.3528
CMYK	0.00, 0.07, 0.33, 0.04
HSL	46°, 80%, 80%
HSV	46°, 33%, 96%
XYZ	71.9190, 77.0648, 46.7024
YIQ	225.3140, 30.6300, -15.4660

Conversions

Conversions Part 2

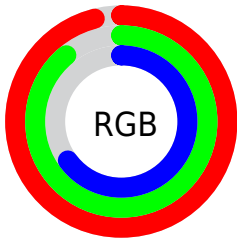
Format	Color
RYB	188, 245, 165
Decimal	16114597
CIELab	90.35, -2.79, 32.53
CIELCh	90, 32.653, 94.900
Yxy	77.0648, 0.3675, 0.3938
Android (android.graphics.Color)	4294304677 (0xFFFF5E3A5)
YUV	225.3140, -29.7348, 17.2646
Hunter-Lab	87.7866, -7.3906, 29.9083

Details

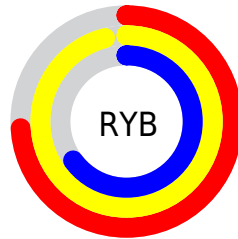
The YIQ color **225.3140, 30.6300, -15.4660** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **184.6860, -30.6300, 15.4660**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.0100, 11.2350, -10.8850**, and **170.0580, 28.4750, -14.9570** is the 20% darker color. If you saturate the color by 10%, you get **219.0560, 39.9840, -19.7920**, and if you desaturate by 10%, it is **231.6860, 20.9550, -10.8290**.

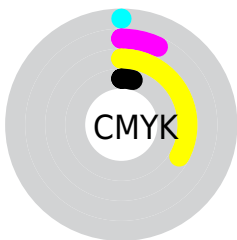
Distribution



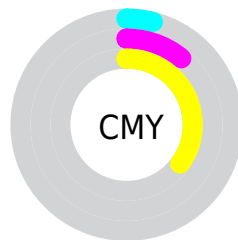
- Red (96%)
- Green (89%)
- Blue (65%)



- Red (74%)
- Yellow (96%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 225.3140, 30.6300, -15.4660 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 225.3140, 30.6300, -15.4660 by changing the saturation by 10% instead.


 225.3140, 30.6300,
-15.4660


 225.3140, 30.6300,
-15.4660


255.0000, -0.0000,
-0.0000


 197.1290, 29.7130,
-15.3670


 251.0100, 11.2350,
-10.8850


 170.0580, 28.4750,
-14.9570

 254.3160, 1.9260,
-1.8660

 142.9870, 27.2370,
-14.5470

 117.3890, 26.0450,
-14.9710

 92.3180, 24.8070,
-14.5610

 68.4210, 23.0190,
-15.1970

 46.1050, 21.0930,

-13.3310

■ 26.8900, 11.6930,
-8.1710

■ 1.1740, -0.5500,
-1.0460

■ 225.3140, 30.6300,
-15.4660

■ 225.3140, 30.6300,
-15.4660

■ 219.0560, 39.9840,
-19.7920

■ 231.6860, 20.9550,
-10.8290

■ 213.2710, 49.3840,
-24.9520

■ 237.3570, 11.8760,
-5.9800

■ 207.0130, 58.7380,
-29.2780

■ 243.7290, 2.2010,
-1.3430

■ 201.2280, 68.1380,
-34.4380

■ 248.4880, -4.3100,
1.0180

■ 194.9700, 77.4920,
-38.7640

■ 252.0100, -5.9600,
-2.1200

■ 189.1850, 86.8920,
-43.9240

■ 184.7850, 93.7700,
-47.4300

Harmonies

Analogous

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



222.6450, 37.3680, -5.4160



225.3140, 30.6300, -15.4660



221.5710, 4.6810, -24.2710

Triad

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



225.3140, 30.6300, -15.4660



211.7770, -68.8160, -19.3760



227.2970, 13.2460, 24.2700

Complementary

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



225.3140, 30.6300, -15.4660



184.6860, -30.6300, 15.4660

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.



228.4970, 0.6390, 15.9590



225.3140, 30.6300, -15.4660



214.8220, -55.5210, -12.5210

Square

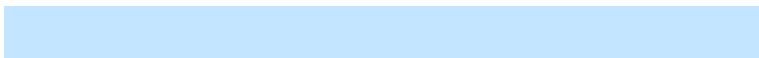
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.3140, 30.6300, -15.4660



213.3190, -56.0230, -25.4550



222.0970, -28.0140, 1.0900



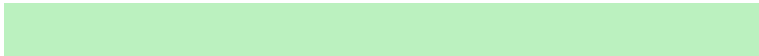
221.4150, 24.2970, 16.7210

Rectangle

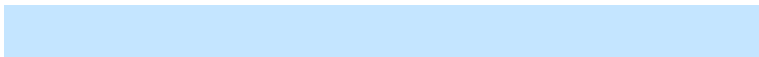
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.3140, 30.6300, -15.4660



219.1540, -16.1340, -26.9980



222.0970, -28.0140, 1.0900



229.1720, 12.1000, 23.0120

Sweetspot

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



225.3140, 30.6300, -15.4660



248.6280, 9.6750, -4.6370



191.0860, 41.5810, 22.8690



123.8280, 6.2360, -2.8840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

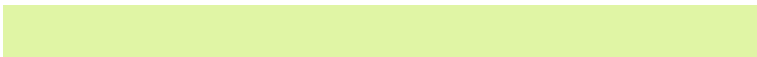
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.3140, 30.6300, -15.4660



230.8000, 37.8290, -19.2830



229.6010, 13.1640, -29.3320



119.4580, 4.4020, -2.6860



140.1420, 71.2560, -35.8800



44.0560, 22.7890, -11.0270

Inverse Universe

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



184.6860, -30.6300, 15.4660



180.2000, -37.8290, 19.2830



180.3990, -13.1640, 29.3320



113.1290, -4.6770, 2.1630



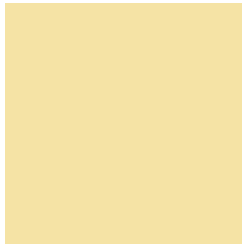
45.8580, -71.2560, 35.8800



14.3570, -22.5140, 11.5500

Previews

White Background



This preview shows how the YIQ color 225.3140, 30.6300, -15.4660 looks on a white background.

Color Contrast Check

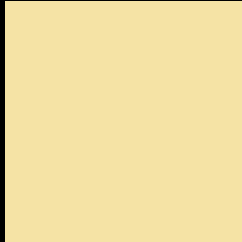
Large Text (above 18pt) WCAG AA × Fail

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 225.3140, 30.6300, -15.4660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

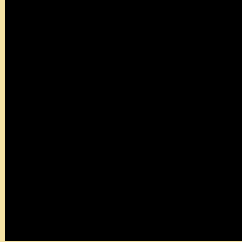
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.3140, 30.6300, -15.4660

Background



This preview shows how black text looks on a background with the YIQ color 225.3140, 30.6300, -15.4660.



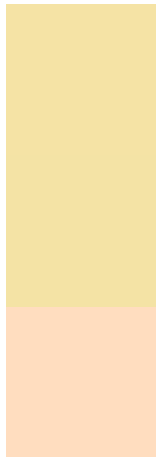
This preview shows how white text looks on a background with the YIQ color 225.3140, 30.6300,

-15.4660.

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

225.3140, 30.6300, -15.4660

Protanopia

225.0150, 30.0340, -15.6780

Deuteranopia

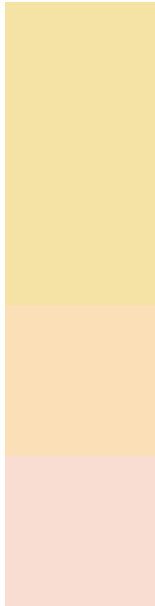
227.7460, 29.8940, -2.1220



Tritanopia

230.4030, 15.4030, 12.7070

Trichromacy



Original Color

225.3140, 30.6300, -15.4660

Protanomaly

225.0150, 30.0340, -15.6780

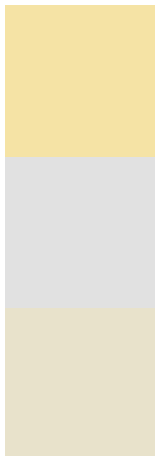
Deuteranomaly

226.6980, 29.8490, -6.8150

Tritanomaly

228.4170, 20.8150, 2.7270

Monochromacy



Original Color

225.3140, 30.6300, -15.4660

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.1720, 10.9590, -5.8810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.3140, 30.6300, -15.4660 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(245, 227, 165)` looks like.

```
.text, #text, p{  
    color:rgb(245, 227, 165)  
}
```

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(245, 227, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 227, 165) }
```

Border

The CSS property to change the border of an element to YIQ 225.3140, 30.6300, -15.4660 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(245, 227, 165) }
```


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

```
.border{ border-color:rgb(245, 227, 165) }
```

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

Here you see how a box with a 4 pixel rgb(245, 227, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 227, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 227, 165);  
box-shadow:4px 4px 4px 4px rgb(245, 227,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 225.3140, 30.6300, -15.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 227, 165) }
```

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

```
.background{ background-color: rgb(245,  
227, 165) }
```

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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