

Converting Colors

YIQ(226.1290, 29.7130,
-15.3670)

Have a look what the booklet for
YIQ(226.1290, 29.7130, -15.3670)
contains.

| | |
|--|----|
| YIQ(226.1290, 29.7130, -15.3670) | 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(226.1290, 29.7130,
-15.3670)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F5E4A7 |
| RGB | 245, 228, 167 |
| RGB Percent | 96%, 89%, 65% |
| CMY | 0.0392, 0.1059, 0.3449 |
| CMYK | 0.00, 0.07, 0.32, 0.04 |
| HSL | 47°, 80%, 81% |
| HSV | 47°, 32%, 96% |
| XYZ | 72.3767, 77.6870, 47.7601 |
| YIQ | 226.1290, 29.7130, -15.3670 |

Conversions

Conversions Part 2

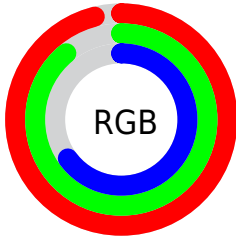
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 189, 245, 167 |
| Decimal | 16114855 |
| CIE Lab | 90.64, -3.05, 31.90 |
| CIE LCh | 91, 32.042, 95.470 |
| Yxy | 77.6870, 0.3659, 0.3927 |
| Android (android.graphics.Color) | 4294304935 (0xFFF5E4A7) |
| YUV | 226.1290, -29.1506, 16.5499 |
| Hunter-Lab | 88.1402, -7.6692, 29.5710 |

Details

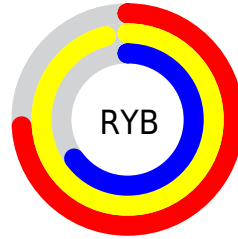
The YIQ color $226.1290, 29.7130, -15.3670$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $185.8710, -29.7130, 15.3670$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.3520, 10.2720, -9.9520$, and $170.7590, 27.8790, -15.1690$ is the 20% darker color. If you saturate the color by 10%, you get $220.4580, 38.7920, -20.2160$, and if you desaturate by 10%, it is $231.9140, 20.3130, -10.2070$.

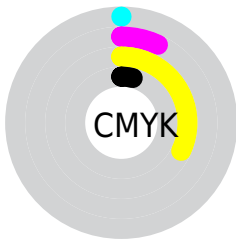
Distribution



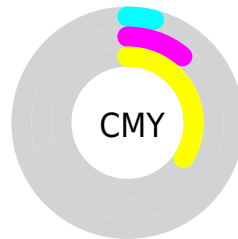
- Red (96%)
- Green (89%)
- Blue (65%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.1290, 29.7130, -15.3670 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 226.1290, 29.7130, -15.3670 by changing the saturation by 10% instead.

■ 226.1290, 29.7130,
-15.3670

■ 226.1290, 29.7130,
-15.3670

■ 255.0000, -0.0000,
-0.0000

■ 197.9440, 28.7960,
-15.2680

■ 251.3520, 10.2720,
-9.9520

■ 170.7590, 27.8790,
-15.1690

■ 254.5440, 1.2840,
-1.2440

■ 143.6880, 26.6410,
-14.7590

■ 118.2040, 25.1280,
-14.8720

■ 93.1330, 23.8900,
-14.4620

■ 68.9480, 22.9730,
-14.3630

■ 46.6920, 20.8180,

-13.8540

■ 27.1890, 12.2890,
-7.9590

■ 2.3480, -1.1000,
-2.0920

■ 226.1290, 29.7130,
-15.3670

■ 226.1290, 29.7130,
-15.3670

■ 220.4580, 38.7920,
-20.2160

■ 231.9140, 20.3130,
-10.2070

■ 214.0860, 48.4670,
-24.8530

■ 238.1720, 10.9590,
-5.8810

■ 208.4150, 57.5460,
-29.7020

■ 243.9570, 1.5590,
-0.7210

■ 202.6300, 66.9460,
-34.8620

■ 248.4880, -4.3100,
1.0180

■ 196.3720, 76.3000,
-39.1880

■ 252.0100, -5.9600,
-2.1200

■ 190.5870, 85.7000,
-44.3480

■ 185.9590, 93.2200,
-48.4760

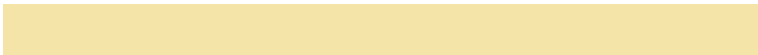
Harmonies

Analogous

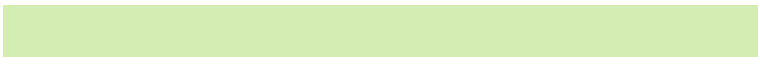
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.9330, 36.4970, -6.1510



226.1290, 29.7130, -15.3670



222.5000, 3.4430, -23.8610

Triad

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



226.1290, 29.7130, -15.3670



213.2610, -67.3030, -19.2630



227.8840, 12.9710, 23.7470

Complementary

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



226.1290, 29.7130, -15.3670



185.8710, -29.7130, 15.3670

Split Complementary

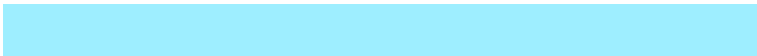
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.7960, 1.2350, 16.1710



226.1290, 29.7130, -15.3670



216.0180, -53.1370, -11.6730

Square

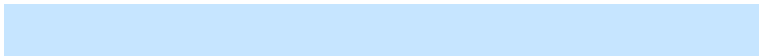
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.1290, 29.7130, -15.3670



214.9170, -54.8310, -25.0310



222.6950, -26.8220, 1.5140



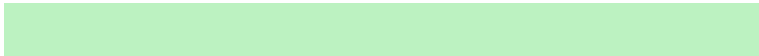
222.7030, 23.4260, 15.9860

Rectangle

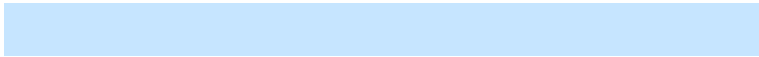
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.1290, 29.7130, -15.3670



220.2680, -16.4550, -26.6870



222.6950, -26.8220, 1.5140



229.7590, 11.8250, 22.4890

Sweetspot

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



226.1290, 29.7130, -15.3670



248.6280, 9.6750, -4.6370



192.3740, 40.7100, 22.1340



123.8280, 6.2360, -2.8840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

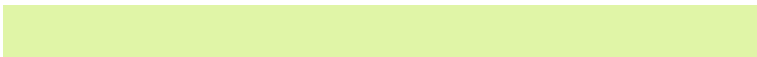
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.1290, 29.7130, -15.3670



231.6150, 36.9120, -19.1840



229.8290, 12.5220, -28.7100



119.4580, 4.4020, -2.6860



141.3160, 70.7060, -36.9260



44.6430, 22.5140, -11.5500

Inverse Universe

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



185.8710, -29.7130, 15.3670



181.3850, -36.9120, 19.1840



182.1710, -12.5220, 28.7100



113.1290, -4.6770, 2.1630



45.2710, -70.9810, 36.4030



14.3570, -22.5140, 11.5500

Previews

White Background



This preview shows how the YIQ color 226.1290, 29.7130, -15.3670 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 226.1290, 29.7130, -15.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

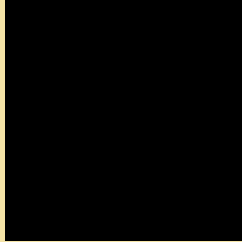
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.1290, 29.7130, -15.3670

Background



This preview shows how black text looks on a background with the YIQ color 226.1290, 29.7130, -15.3670.



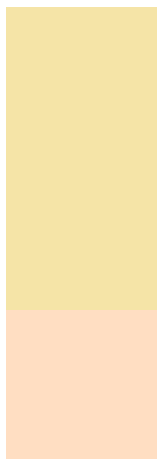
This preview shows how white text looks on a background with the YIQ color 226.1290, 29.7130,

-15.3670.

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

226.1290, 29.7130, -15.3670

Protanopia

226.1290, 29.7130, -15.3670

Deuteranopia

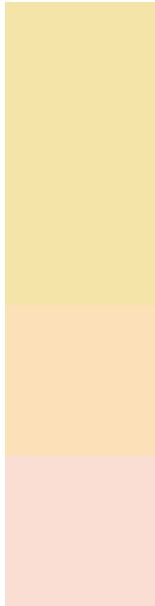
228.6750, 28.6560, -1.7120



Tritanopia

231.1040, 14.8070, 12.4950

Trichromacy



Original Color

226.1290, 29.7130, -15.3670

Protanomaly

226.1290, 29.7130, -15.3670

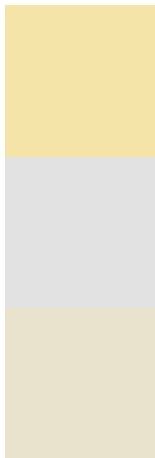
Deuteranomaly

227.5130, 28.9320, -6.7160

Tritanomaly

229.1180, 20.2190, 2.5150

Monochromacy



Original Color

226.1290, 29.7130, -15.3670

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.2860, 10.6380, -5.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.1290, 29.7130, -15.3670 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, 228, 167)` looks like.

```
.text, #text, p{  
    color:rgb(245, 228, 167)  
}
```

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, 228, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 228, 167) }
```

Border

The CSS property to change the border of an element to YIQ 226.1290, 29.7130, -15.3670 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, 228, 167) }
```


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

```
.border{ border-color:rgb(245, 228, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 228, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 228, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 228, 167); box-shadow:4px 4px 4px 4px rgb(245, 228, 167) }
```

Background

The CSS property to change the background color of an element to YIQ 226.1290, 29.7130, -15.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 228, 167) }
```

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

```
.background{ background-color: rgb(245,  
228, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor