

Converting Colors

YIQ(244.4560, 15.9110, -7.5210)

Have a look what the booklet for
YIQ(244.4560, 15.9110, -7.5210)
contains.

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Color

**YIQ(244.4560, 15.9110,
-7.5210)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FFF5D6 |
| RGB | 255, 245, 214 |
| RGB Percent | 100%, 96%, 84% |
| CMY | 0.0000, 0.0392, 0.1607 |
| CMYK | 0.00, 0.04, 0.16, 0.00 |
| HSL | 45°, 100%, 92% |
| HSV | 45°, 16%, 100% |
| XYZ | 86.0315, 91.4184, 76.7444 |
| YIQ | 244.4560, 15.9110, -7.5210 |

Conversions

Conversions Part 2

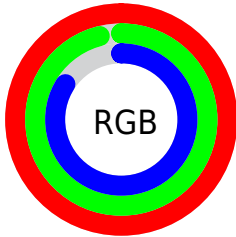
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 227, 255, 214 |
| Decimal | 16774614 |
| CIE Lab | 96.58, -1.60, 16.12 |
| CIE LCh | 97, 16.198, 95.684 |
| Yxy | 91.4184, 0.3384, 0.3596 |
| Android (android.graphics.Color) | 4294964694 (0xFFFFF5D6) |
| YUV | 244.4560, -15.0148, 9.2471 |
| Hunter-Lab | 95.6130, -6.7103, 19.3396 |

Details

The YIQ color $244.4560, 15.9110, -7.5210$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $224.5440, -15.9110, 7.5210$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $188.2710, 14.9940, -7.4220$ is the 20% darker color. If you saturate the color by 10%, you get $238.0840, 25.5860, -12.1580$, and if you desaturate by 10%, it is $250.9420, 5.9150, -2.5730$.

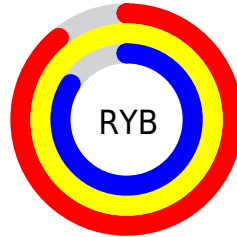
Distribution



Red (100%)

Green (96%)

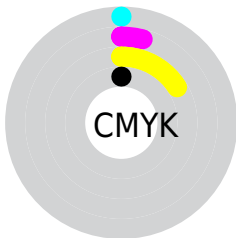
Blue (84%)



Red (89%)

Yellow (100%)

Blue (84%)

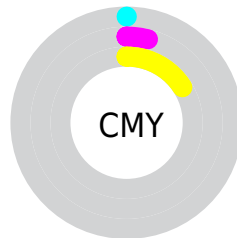


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 244.4560, 15.9110, -7.5210 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 244.4560, 15.9110, -7.5210 by changing the saturation by 10% instead.


 244.4560, 15.9110,
-7.5210

 244.4560, 15.9110,
-7.5210


255.0000, -0.0000,
-0.0000


 216.1570, 15.3150,
-7.7330

 188.2710, 14.9940,
-7.4220

 161.3850, 14.6730,
-7.1110

 135.2000, 13.7560,
-7.0120

 109.3140, 13.4350,
-6.7010

 85.1290, 12.5180,
-6.6020

 61.9440, 11.6010,

-6.5030

■ 39.8730, 10.3630,
-6.0930

■ 19.8020, 9.1250,
-5.6830

■ 244.4560, 15.9110,
-7.5210

■ 244.4560, 15.9110,
-7.5210

■ 238.0840, 25.5860,
-12.1580

■ 250.9420, 5.9150,
-2.5730

■ 231.5980, 35.5820,
-17.1060

255.0000, -0.0000,
-0.0000

■ 224.6390, 45.5320,
-21.2200

■ 218.1530, 55.5280,
-26.1680

■ 211.7810, 65.2030,
-30.8050

■ 205.2950, 75.1990,
-35.7530

■ 198.3360, 85.1490,
-39.8670

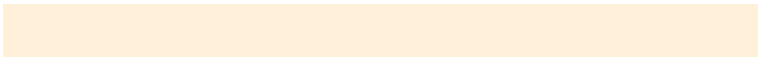
■ 191.8500, 95.1450,
-44.8150

■ 189.5360, 98.9050,
-46.8790

Harmonies

Analogous

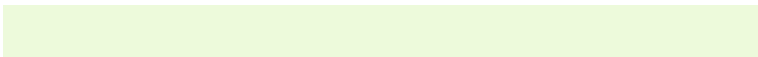
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.8630, 16.3230, -3.9730



244.4560, 15.9110, -7.5210



242.5790, 2.2030, -12.3970

Triad

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



244.4560, 15.9110, -7.5210



239.7620, -28.9290, -9.8650



243.8470, 5.2250, 9.9370

Complementary

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



244.4560, 15.9110, -7.5210



224.5440, -15.9110, 7.5210

Split Complementary

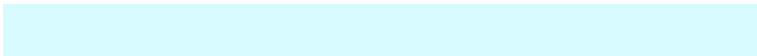
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.2980, 2.3370, 7.2090



244.4560, 15.9110, -7.5210



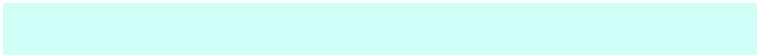
240.1050, -22.4650, -5.8650

Square

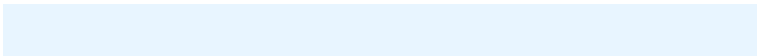
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.4560, 15.9110, -7.5210



240.1490, -25.7650, -12.1410



242.2530, -10.9580, 0.3540



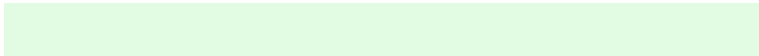
241.3050, 9.6270, 7.2510

Rectangle

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



244.4560, 15.9110, -7.5210



241.0770, -8.0670, -13.4990



242.2530, -10.9580, 0.3540



244.4340, 4.9500, 9.4140

Sweetspot

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



244.4560, 15.9110, -7.5210



251.7570, 4.9980, -2.4740



227.3990, 21.2260, 11.8020



125.9140, 3.1180, -1.4420



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

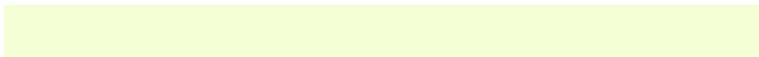
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.4560, 15.9110, -7.5210



242.4840, 18.7080, -8.6520



247.3360, 7.2010, -14.8710



124.1700, 5.2730, -1.9510



142.2240, 73.9610, -35.3430



47.3120, 24.9440, -11.5360

Inverse Universe

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



224.5440, -15.9110, 7.5210



218.9290, -18.4330, 9.1750



221.6640, -7.2010, 14.8710



118.2430, -4.9980, 2.4740



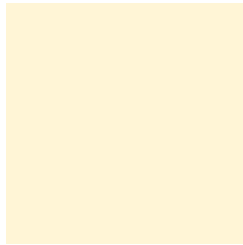
49.3630, -74.2360, 34.8200



16.6880, -24.9440, 11.5360

Previews

White Background



This preview shows how the YIQ color 244.4560, 15.9110, -7.5210 looks on a white background.

Color Contrast Check

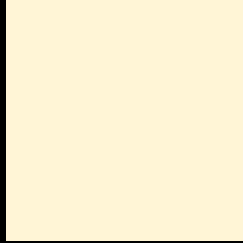
Large Text (above 18pt) WCAG AA × Fail

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 244.4560, 15.9110, -7.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

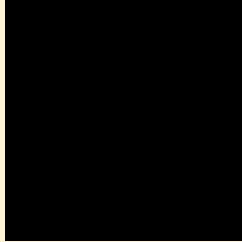
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 244.4560, 15.9110, -7.5210

Background



This preview shows how black text looks on a background with the YIQ color 244.4560, 15.9110, -7.5210.



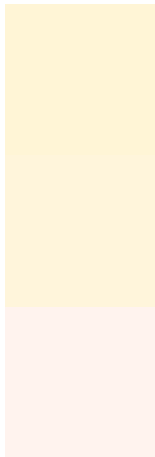
This preview shows how white text looks on a background with the YIQ color 244.4560, 15.9110,

-7.5210.

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

244.4560, 15.9110, -7.5210

Protanopia

245.0260, 14.3060, -5.9660

Deuteranopia

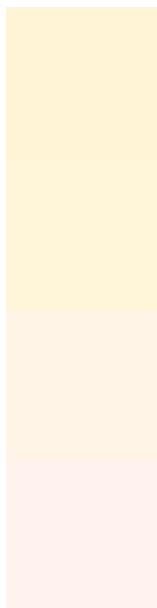
246.0180, 8.7570, 0.9890



Tritanopia

246.5540, 4.4920, 6.7000

Trichromacy



Original Color

244.4560, 15.9110, -7.5210

Protanomaly

244.7980, 14.9480, -6.5880

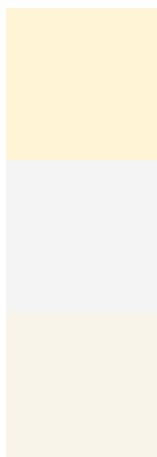
Deuteranomaly

245.5790, 11.3710, -2.3330

Tritanomaly

245.5450, 8.7110, 1.8230

Monochromacy



Original Color

244.4560, 15.9110, -7.5210

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

243.9420, 5.9150, -2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.4560, 15.9110, -7.5210 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, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 214)  
}
```

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, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 214) }
```

Border

The CSS property to change the border of an element to YIQ 244.4560, 15.9110, -7.5210 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, 245, 214) }
```


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

```
.border{ border-color:rgb(255, 245, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 244.4560, 15.9110, -7.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 214) }
```

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

```
.background{ background-color: rgb(255,  
245, 214) }
```

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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