

Converting Colors

YIQ(243.5100, 15.8190, -5.8530)

Have a look what the booklet for
YIQ(243.5100, 15.8190, -5.8530)
contains.

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Color

**YIQ(243.5100, 15.8190,
-5.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3D8
RGB	255, 243, 216
RGB Percent	100%, 95%, 85%
CMY	0.0000, 0.0471, 0.1529
CMYK	0.00, 0.05, 0.15, 0.00
HSL	42°, 100%, 92%
HSV	42°, 15%, 100%
XYZ	85.6865, 90.3171, 77.8970
YIQ	243.5100, 15.8190, -5.8530

Conversions

Conversions Part 2

Format	Color
R _Y B	233, 255, 216
Decimal	16774104
CIE Lab	96.13, -0.30, 14.45
CIE LCh	96, 14.452, 91.170
Yxy	90.3171, 0.3375, 0.3557
Android (android.graphics.Color)	4294964184 (0xFFFFF3D8)
YUV	243.5100, -13.5624, 10.0767
Hunter-Lab	95.0353, -5.3712, 17.9269

Details

The YIQ color $243.5100, 15.8190, -5.8530$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $227.4900, -15.8190, 5.8530$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.3250, 14.9020, -5.7540$ is the 20% darker color. If you saturate the color by 10%, you get $235.9640, 26.0440, -9.4440$, and if you desaturate by 10%, it is $251.1700, 5.2730, -1.9510$.

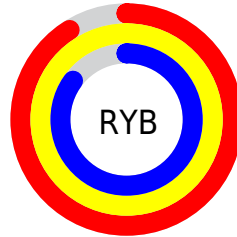
Distribution



Red (100%)

Green (95%)

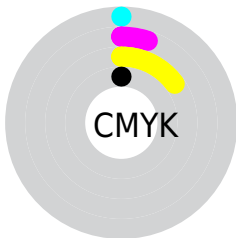
Blue (85%)



Red (91%)

Yellow (100%)

Blue (85%)

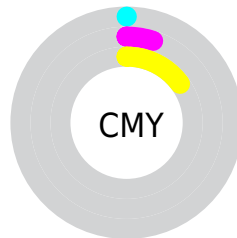


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 243.5100, 15.8190, -5.8530 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 243.5100, 15.8190, -5.8530 by changing the saturation by 10% instead.


 243.5100, 15.8190,
-5.8530


 243.5100, 15.8190,
-5.8530


255.0000, -0.0000,
-0.0000


 215.2110, 15.2230,
-6.0650

 187.3250, 14.9020,
-5.7540

 160.4390, 14.5810,
-5.4430

 134.2540, 13.6640,
-5.3440

 108.9550, 13.0680,
-5.5560

 84.1830, 12.4260,
-4.9340

 60.9980, 11.5090,

-4.8350

■ 39.4000, 10.3170,
-5.2590

■ 18.9270, 10.2710,
-4.4250

■ 243.5100, 15.8190,
-5.8530

■ 243.5100, 15.8190,
-5.8530

■ 235.9640, 26.0440,
-9.4440

■ 251.1700, 5.2730,
-1.9510

■ 228.3040, 36.5900,
-13.3460

255.0000, -0.0000,
-0.0000

■ 220.7580, 46.8150,
-16.9370

■ 213.6850, 57.0860,
-21.3620

■ 206.1390, 67.3110,
-24.9530

■ 198.4790, 77.8570,
-28.8550

■ 190.9330, 88.0820,
-32.4460

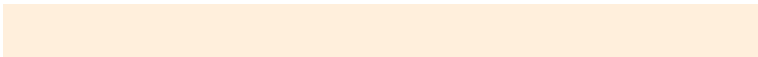
■ 183.2730, 98.6280,
-36.3480

■ 179.5570,
103.5800, -37.9880

Harmonies

Analogous

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



241.6180, 15.6350, -2.5170



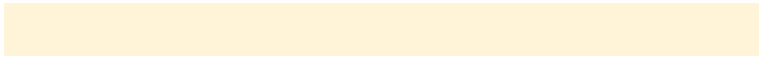
243.5100, 15.8190, -5.8530



241.5300, 3.8990, -10.0930

Triad

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



243.5100, 15.8190, -5.8530



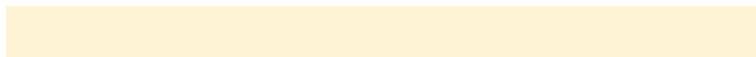
239.4850, -26.5910, -8.1830



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.



243.5100, 15.8190, -5.8530



227.4900, -15.8190, 5.8530

Split Complementary

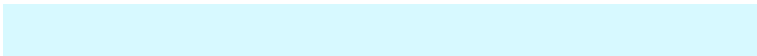
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.8030, -0.6430, 6.1490



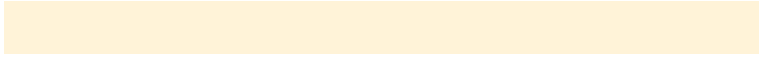
243.5100, 15.8190, -5.8530



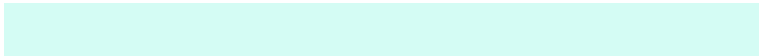
239.5180, -22.1900, -5.3420

Square

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



243.5100, 15.8190, -5.8530



239.1280, -21.2720, -10.9680



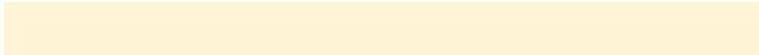
241.6550, -12.1500, -0.0700



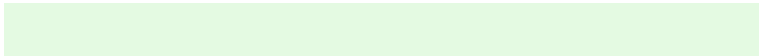
241.4190, 9.3060, 7.5620

Rectangle

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



243.5100, 15.8190, -5.8530



240.6860, -5.4080, -12.1280



241.6550, -12.1500, -0.0700



244.4340, 4.9500, 9.4140

Sweetspot

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



243.5100, 15.8190, -5.8530



251.1700, 5.2730, -1.9510



229.0290, 19.3920, 12.0000



125.3270, 3.3930, -0.9190



0.0000, 0.0000, 0.0000



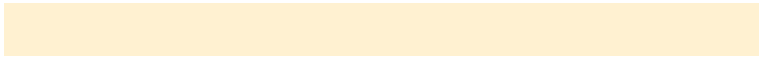
128.0000, -0.0000, -0.0000

Same Dimension

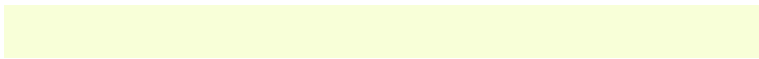
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.5100, 15.8190, -5.8530



241.5380, 18.6160, -6.9840



248.4610, 8.3470, -13.6130



124.1700, 5.2730, -1.9510



134.5930, 77.5360, -28.5440



44.9640, 26.0440, -9.4440

Inverse Universe

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



227.4900, -15.8190, 5.8530



222.4620, -18.6160, 6.9840



222.5390, -8.3470, 13.6130



118.8300, -5.2730, 1.9510



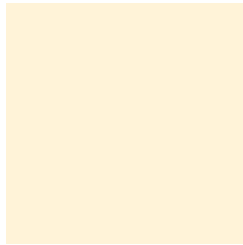
56.4070, -77.5360, 28.5440



19.0360, -26.0440, 9.4440

Previews

White Background



This preview shows how the YIQ color 243.5100, 15.8190, -5.8530 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 243.5100, 15.8190, -5.8530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

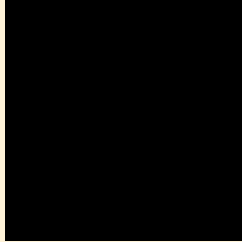
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 243.5100, 15.8190, -5.8530

Background



This preview shows how black text looks on a background with the YIQ color 243.5100, 15.8190, -5.8530.



This preview shows how white text looks on a background with the YIQ color 243.5100, 15.8190,

-5.8530.

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

243.5100, 15.8190, -5.8530

Protanopia

243.5100, 15.8190, -5.8530

Deuteranopia

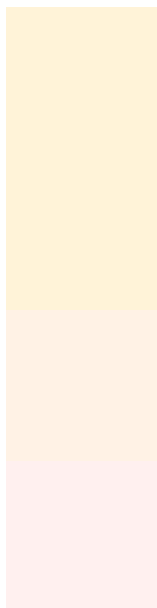
244.6160, 9.9490, 1.4130



Tritanopia

245.2660, 5.3630, 7.4350

Trichromacy



Original Color

243.5100, 15.8190, -5.8530

Protanomaly

243.5100, 15.8190, -5.8530

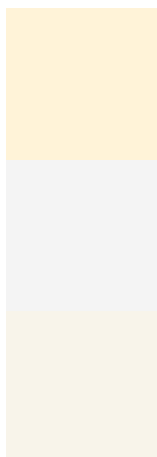
Deuteranomaly

244.4050, 11.9210, -1.2870

Tritanomaly

244.3710, 9.2610, 2.8690

Monochromacy



Original Color

243.5100, 15.8190, -5.8530

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

244.0560, 5.5940, -2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.5100, 15.8190, -5.8530 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, 243, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 216)  
}
```

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, 243, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 216) }
```

Border

The CSS property to change the border of an element to YIQ 243.5100, 15.8190, -5.8530 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, 243, 216) }
```


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

```
.border{ border-color:rgb(255, 243, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 243.5100, 15.8190, -5.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 216) }
```

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

```
.background{ background-color: rgb(255,  
243, 216) }
```

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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