

Converting Colors

YIQ(244.5190, 11.6000, -0.9760)

Have a look what the booklet for
YIQ(244.5190, 11.6000, -0.9760)
contains.

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Color

**YIQ(244.5190, 11.6000,
-0.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2E6
RGB	255, 242, 230
RGB Percent	100%, 95%, 90%
CMY	0.0000, 0.0510, 0.0980
CMYK	0.00, 0.05, 0.10, 0.00
HSL	29°, 100%, 95%
HSV	29°, 10%, 100%
XYZ	87.2754, 90.4750, 87.7368
YIQ	244.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

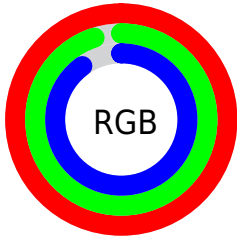
Format	Color
R _Y B	255, 253, 230
Decimal	16773862
CIE Lab	96.19, 2.39, 7.33
CIE LCh	96, 7.707, 71.928
Yxy	90.4750, 0.3287, 0.3408
Android (android.graphics.Color)	4294963942 (0xFFFFF2E6)
YUV	244.5190, -7.1579, 9.1918
Hunter-Lab	95.1183, -2.6752, 11.8939

Details

The YIQ color $244.5190, 11.6000, -0.9760$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.4810, -11.6000, 0.9760$, 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 $188.3340, 10.6830, -0.8770$ is the 20% darker color. If you saturate the color by 10%, you get $234.0380, 23.2000, -1.9520$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

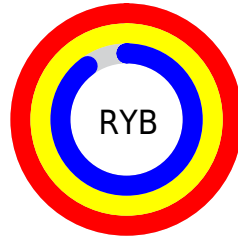
Distribution



Red (100%)

Green (95%)

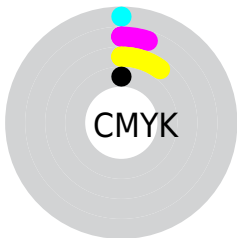
Blue (90%)



Red (100%)

Yellow (99%)

Blue (90%)

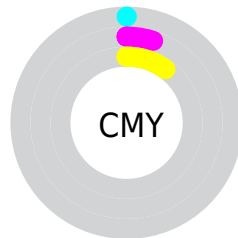


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 244.5190, 11.6000, -0.9760 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 244.5190, 11.6000, -0.9760 by changing the saturation by 10% instead.


 244.5190, 11.6000,
-0.9760


 244.5190, 11.6000,
-0.9760


255.0000, -0.0000,
-0.0000


 216.2200, 11.0040,
-1.1880

 188.3340, 10.6830,
-0.8770

 161.3340, 10.6830,
-0.8770

 135.0350, 10.0870,
-1.0890

 110.0350, 10.0870,
-1.0890

 85.2630, 9.4450,
-0.4670

 61.9640, 8.8490,

-0.6790

■ 40.3660, 7.6570,
-1.1030

■ 19.5080, 10.1330,
-1.9230

■ 244.5190, 11.6000,
-0.9760

■ 244.5190, 11.6000,
-0.9760

■ 234.0380, 23.2000,
-1.9520

255.0000, -0.0000,
-0.0000

■ 222.8560, 35.3960,
-2.7160

■ 212.3750, 46.9960,
-3.6920

■ 201.7800, 58.9170,
-4.9790

■ 191.2990, 70.5170,
-5.9550

■ 180.1170, 82.7130,
-6.7190

■ 169.6360, 94.3130,
-7.6950

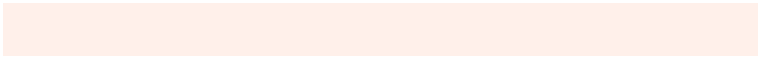
■ 159.0410,
106.2340, -8.9820

■ 148.5600,
117.8340, -9.9580

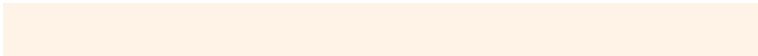
Harmonies

Analogous

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



243.8010, 10.8660, 1.3140



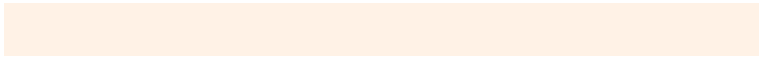
244.5190, 11.6000, -0.9760



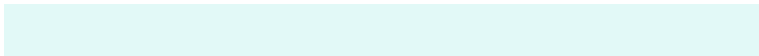
243.1870, 6.6030, -4.0290

Triad

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



244.5190, 11.6000, -0.9760



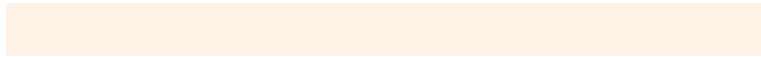
241.8950, -13.0660, -5.4980



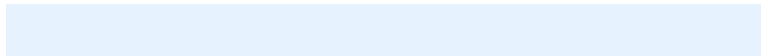
244.9880, 0.2740, 6.0500

Complementary

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



244.5190, 11.6000, -0.9760



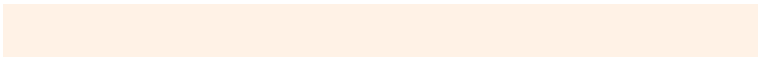
240.4810, -11.6000, 0.9760

Split Complementary

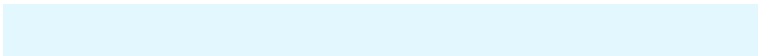
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.0580, -5.9150, 2.5730



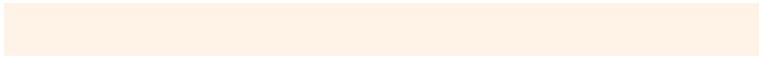
244.5190, 11.6000, -0.9760



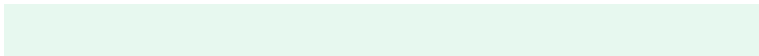
242.4050, -14.4420, -2.5860

Square

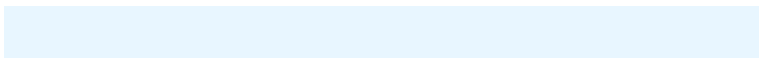
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.5190, 11.6000, -0.9760



241.8910, -7.2430, -6.4030



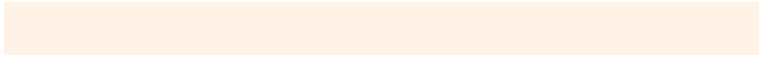
242.8400, -11.2330, -0.1690



245.5110, 6.0510, 5.9790

Rectangle

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



244.5190, 11.6000, -0.9760



242.7950, 1.8350, -5.7250



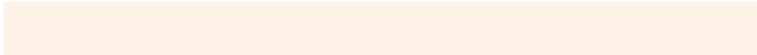
242.8400, -11.2330, -0.1690



244.6780, -1.7890, 4.8910

Sweetspot

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



244.5190, 11.6000, -0.9760



251.7400, 3.6680, -0.3960



238.9570, 10.7270, 9.3430



125.5550, 2.7510, -0.2970



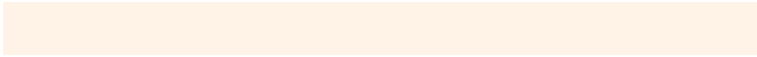
0.0000, 0.0000, 0.0000



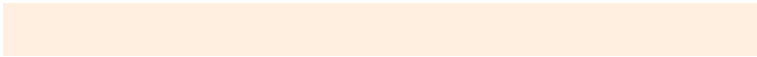
128.0000, -0.0000, -0.0000

Same Dimension

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



244.5190, 11.6000, -0.9760



242.0740, 14.3510, -1.2730



251.5630, 8.3000, -7.2520



122.4090, 6.0980, -0.3820



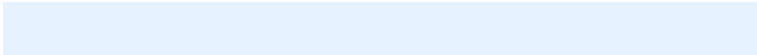
111.1130, 88.5360, -7.6240



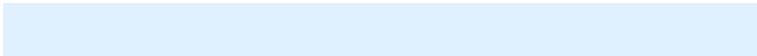
37.3330, 29.6190, -2.6450

Inverse Universe

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



240.4810, -11.6000, 0.9760



236.9260, -14.3510, 1.2730



233.4370, -8.3000, 7.2520



120.0040, -5.8230, 0.9050



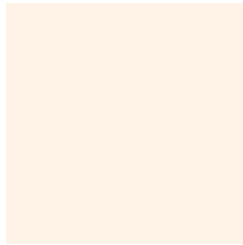
80.4740, -88.8110, 7.1010



26.6670, -29.6190, 2.6450

Previews

White Background



This preview shows how the YIQ color 244.5190, 11.6000, -0.9760 looks on a white background.

Color Contrast Check

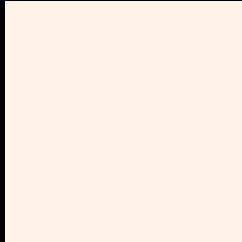
Large Text (above 18pt) WCAG AA × Fail

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 244.5190, 11.6000, -0.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

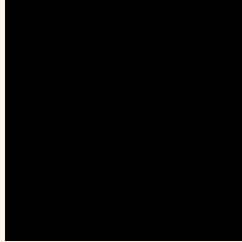
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

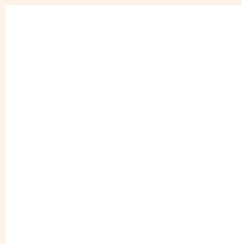
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 244.5190, 11.6000, -0.9760

Background



This preview shows how black text looks on a background with the YIQ color 244.5190, 11.6000, -0.9760.



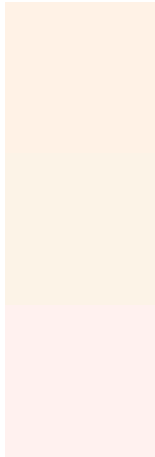
This preview shows how white text looks on a background with the YIQ color 244.5190, 11.6000, -0.9760.

-0.9760.

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

244.5190, 11.6000, -0.9760

Protanopia

244.3230, 9.2160, -1.8240

Deuteranopia

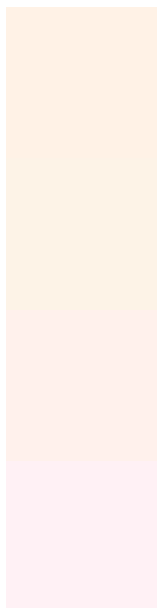
244.9580, 8.9860, 2.3460



Tritanopia

245.9670, 4.7670, 7.2230

Trichromacy



Original Color

244.5190, 11.6000, -0.9760

Protanomaly

244.6220, 9.8120, -1.6120

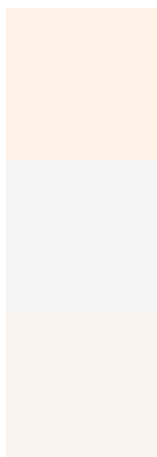
Deuteranomaly

244.6160, 9.9490, 1.4130

Tritanomaly

245.6420, 7.0600, 4.2120

Monochromacy



Original Color

244.5190, 11.6000, -0.9760

Achromatopsia

245.0000, -0.0000, 0.0000

Achromatomaly

245.0390, 4.2640, -0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.5190, 11.6000, -0.9760 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, 242, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 230)  
}
```

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, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 230) }
```

Border

The CSS property to change the border of an element to YIQ 244.5190, 11.6000, -0.9760 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, 242, 230) }
```


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

```
.border{ border-color:rgb(255, 242, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 244.5190, 11.6000, -0.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 230) }
```

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

```
.background{ background-color: rgb(255,  
242, 230) }
```

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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