

Converting Colors

YIQ(245.8190, 10.4550, -7.7610)

Have a look what the booklet for
YIQ(245.8190, 10.4550, -7.7610)
contains.

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Color

**YIQ(245.8190, 10.4550,
-7.7610)**

Conversions

Conversions Part 1	
Format	Color
Hex	FBF8DD
RGB	251, 248, 221
RGB Percent	98%, 97%, 87%
CMY	0.0157, 0.0274, 0.1333
CMYK	0.00, 0.01, 0.12, 0.02
HSL	54°, 79%, 93%
HSV	54°, 12%, 98%
XYZ	86.4030, 92.8641, 81.7884
YIQ	245.8190, 10.4550, -7.7610

Conversions

Conversions Part 2

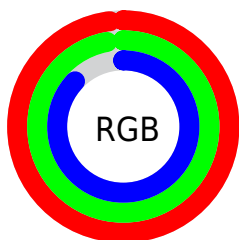
Format	Color
RYB	224, 251, 221
Decimal	16513245
CIELab	97.17, -3.45, 13.32
CIELCh	97, 13.760, 104.537
Yxy	92.8641, 0.3310, 0.3557
Android (android.graphics.Color)	4294703325 (0xFFFFBF8DD)
YUV	245.8190, -12.2358, 4.5437
Hunter-Lab	96.3660, -8.5950, 17.1352

Details

The YIQ color $245.8190, 10.4550, -7.7610$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $226.1810, -10.4550, 7.7610$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.6340, 9.5380, -7.6620$ is the 20% darker color. If you saturate the color by 10%, you get $241.2080, 19.3050, -13.9670$, and if you desaturate by 10%, it is $250.4300, 1.6050, -1.5550$.

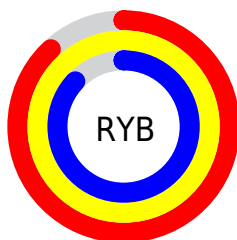
Distribution



Red (98%)

Green (97%)

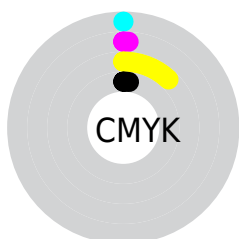
Blue (87%)



Red (88%)

Yellow (98%)

Blue (87%)

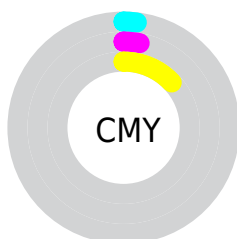


Cyan (0%)

Magenta (1%)

Yellow (12%)

Black (2%)



Cyan (2%)

Magenta (3%)


Yellow (13%)


Brightness & Saturation

Gradients


These gradients show how the YIQ color 245.8190, 10.4550, -7.7610 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 245.8190, 10.4550, -7.7610 by changing the saturation by 10% instead.


 245.8190, 10.4550,
-7.7610


 245.8190, 10.4550,
-7.7610

255.0000, -0.0000,
-0.0000


 216.9330, 10.1340,
-7.4500

 189.6340, 9.5380,
-7.6620

 162.7480, 9.2170,
-7.3510

 136.1610, 9.4920,
-6.8280

 110.8620, 8.8960,
-7.0400

 86.0900, 8.2540,
-6.4180

 63.2040, 7.9330,

-6.1070

■ 41.0190, 7.0160,
-6.0080

■ 20.9760, 8.5750,
-6.7290

■ 245.8190, 10.4550,
-7.7610

■ 245.8190, 10.4550,
-7.7610

■ 241.2080, 19.3050,
-13.9670

■ 250.4300, 1.6050,
-1.5550

■ 237.1840, 27.8800,
-20.6960

■ 252.6300, -1.8340,
0.1980

■ 232.5730, 36.7300,
-26.9020

■ 253.8040, -2.3840,
-0.8480

■ 228.5490, 45.3050,
-33.6310

■ 223.9380, 54.1550,
-39.8370

■ 219.8000, 63.0510,
-46.8770

■ 215.1890, 71.9010,
-53.0830

■ 211.1650, 80.4760,
-59.8120

■ 207.7110, 87.4460,
-64.9860

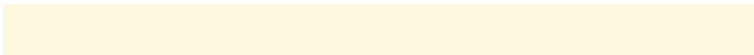
Harmonies

Analogous

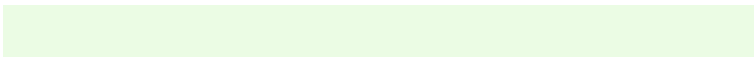
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.6670, 13.9390, -4.8210



245.8190, 10.4550, -7.7610



244.1810, -2.4280, -11.0680

Triad

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



245.8190, 10.4550, -7.7610



241.8660, -23.2900, -7.4340



245.4940, 4.7210, 8.0570

Complementary

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



245.8190, 10.4550, -7.7610



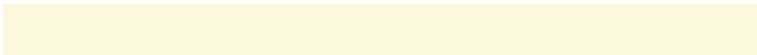
226.1810, -10.4550, 7.7610

Split Complementary

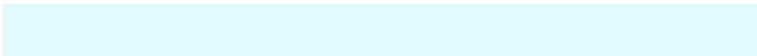
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.7820, 3.8500, 7.3220



245.8190, 10.4550, -7.7610



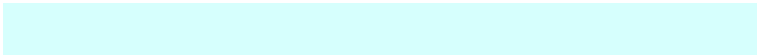
243.0950, -16.5050, -3.7450

Square

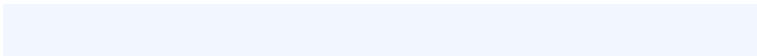
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.8190, 10.4550, -7.7610



242.5130, -23.7940, -9.3140



245.5310, -5.8690, 1.7390



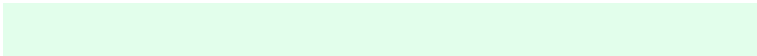
243.4250, 9.1690, 4.5370

Rectangle

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



245.8190, 10.4550, -7.7610



243.4620, -10.5890, -11.8450



245.5310, -5.8690, 1.7390



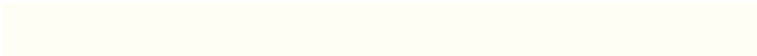
245.6080, 4.4000, 8.3680

Sweetspot

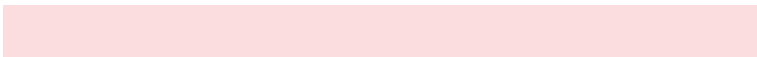
The Sweet Spot groups the original color and five complimentary colors.



245.8190, 10.4550, -7.7610



253.2730, 3.4850, -2.5870



230.3120, 16.9170, 7.2930



126.6150, 2.5220, -1.6540



0.0000, 0.0000, 0.0000



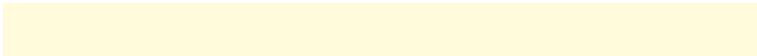
128.0000, -0.0000, -0.0000

Same Dimension

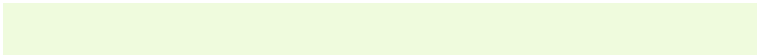
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.8190, 10.4550, -7.7610



248.5480, 12.6560, -9.1040



243.9920, 2.4780, -11.8740



122.9310, 4.4480, -3.5200



156.3010, 65.8940, -48.8420



50.5240, 21.2310, -15.8330

Inverse Universe

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



226.1810, -10.4550, 7.7610



225.4520, -12.6560, 9.1040



228.0080, -2.4780, 11.8740



114.6560, -4.7230, 2.9970



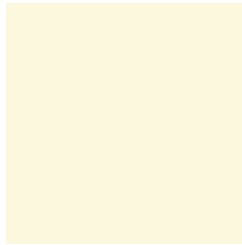
32.6990, -65.8940, 48.8420



10.4760, -21.2310, 15.8330

Previews

White Background



This preview shows how the YIQ color 245.8190, 10.4550, -7.7610 looks on a white background.

Color Contrast Check

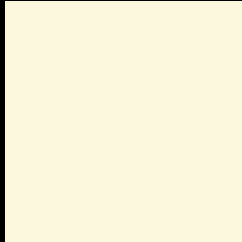
Large Text (above 18pt) WCAG AA × Fail

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 245.8190, 10.4550, -7.7610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

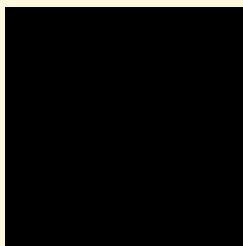
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 245.8190, 10.4550, -7.7610

Background



This preview shows how black text looks on a background with the YIQ color 245.8190, 10.4550, -7.7610.



This preview shows how white text looks on a background with the YIQ color 245.8190, 10.4550, -7.7610.

-7.7610.

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

245.8190, 10.4550, -7.7610

Protanopia

246.5250, 11.4630, -4.0010

Deuteranopia

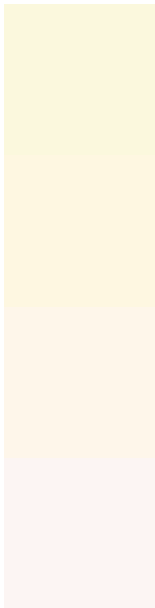
247.5340, 7.2440, 0.8760



Tritanopia

247.6460, 1.2370, 5.1170

Trichromacy



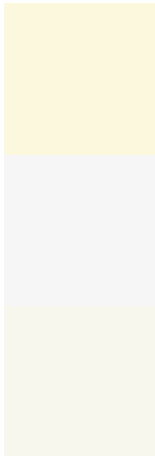
Original Color
245.8190, 10.4550, -7.7610

Protanomaly
246.5850, 11.2340, -5.3580

Deuteranomaly
247.0240, 8.6200, -2.0360

Tritanomaly
246.8650, 4.8140, 0.8620

Monochromacy



Original Color
245.8190, 10.4550, -7.7610

Achromatopsia
246.0000, -0.0000, -0.0000

Achromatomaly
246.1590, 3.8060, -2.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.8190, 10.4550, -7.7610 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(251, 248, 221)` looks like.

```
.text, #text, p{  
    color:rgb(251, 248, 221)  
}
```

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(251, 248, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 248, 221) }
```

Border

The CSS property to change the border of an element to YIQ 245.8190, 10.4550, -7.7610 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(251, 248, 221) }
```


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

```
.border{ border-color:rgb(251, 248, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 248, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 248, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 248, 221);  
box-shadow:4px 4px 4px 4px rgb(251, 248,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 245.8190, 10.4550, -7.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 248, 221) }
```

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

```
.background{ background-color: rgb(251,  
248, 221) }
```

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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double the colors in the color bucket, and more
awesome pro features!

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