

Converting Colors

YIQ(247.3400, 10.5460, -3.9020)

Have a look what the booklet for
YIQ(247.3400, 10.5460, -3.9020)
contains.

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Color

**YIQ(247.3400, 10.5460,
-3.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF7E5
RGB	255, 247, 229
RGB Percent	100%, 97%, 90%
CMY	0.0000, 0.0314, 0.1019
CMYK	0.00, 0.03, 0.10, 0.00
HSL	42°, 100%, 95%
HSV	42°, 10%, 100%
XYZ	88.6446, 93.4374, 87.5023
YIQ	247.3400, 10.5460, -3.9020

Conversions

Conversions Part 2

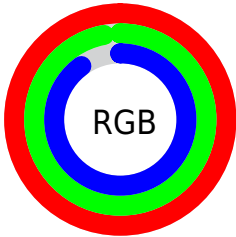
Format	Color
R_{YB}	241, 255, 229
Decimal	16775141
CIE Lab	97.40, -0.30, 9.58
CIE LCh	97, 9.586, 91.809
Yxy	93.4374, 0.3288, 0.3466
Android (android.graphics.Color)	4294965221 (0xFFFFF7E5)
YUV	247.3400, -9.0416, 6.7178
Hunter-Lab	96.6630, -5.4673, 13.9930

Details

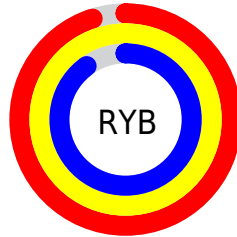
The YIQ color $247.3400, 10.5460, -3.9020$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.6600, -10.5460, 3.9020$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $191.1550, 9.6290, -3.8030$ is the 20% darker color. If you saturate the color by 10%, you get $239.7940, 20.7710, -7.4930$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

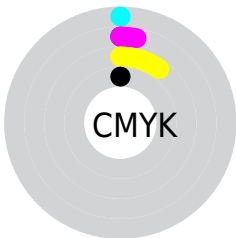
Distribution



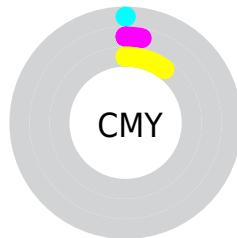
- Red (100%)
- Green (97%)
- Blue (90%)



- Red (95%)
- Yellow (100%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (0%)




- Cyan (0%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 247.3400, 10.5460, -3.9020 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 247.3400, 10.5460, -3.9020 by changing the saturation by 10% instead.


 247.3400, 10.5460,
-3.9020


 247.3400, 10.5460,
-3.9020


255.0000, -0.0000,
-0.0000

 219.0410, 9.9500,
-4.1140

 191.1550, 9.6290,
-3.8030

 164.1550, 9.6290,
-3.8030

 137.2690, 9.3080,
-3.4920

 112.2690, 9.3080,
-3.4920

 88.0840, 8.3910,
-3.3930

 64.1980, 8.0700,

-3.0820

■ 42.0130, 7.1530,
-2.9830

■ 21.7420, 9.3540,
-4.3260

■ 247.3400, 10.5460,
-3.9020

■ 247.3400, 10.5460,
-3.9020

■ 239.7940, 20.7710,
-7.4930

255.0000, -0.0000,
-0.0000

■ 232.1340, 31.3170,
-11.3950

■ 224.5880, 41.5420,
-14.9860

■ 217.5150, 51.8130,
-19.4110

■ 209.9690, 62.0380,
-23.0020

■ 202.3090, 72.5840,
-26.9040

■ 194.7630, 82.8090,
-30.4950

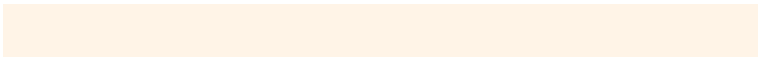
■ 187.1030, 93.3550,
-34.3970

■ 180.1440,
103.3050, -38.5110

Harmonies

Analogous

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



245.8070, 10.7290, -1.7110



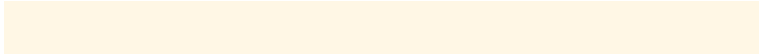
247.3400, 10.5460, -3.9020



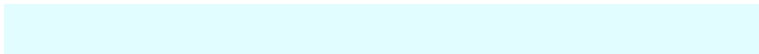
246.1540, 2.2020, -6.8700

Triad

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



247.3400, 10.5460, -3.9020



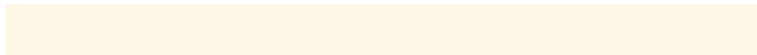
244.8560, -17.3300, -5.3140



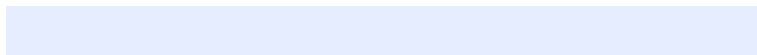
247.3690, 3.5750, 6.7990

Complementary

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



247.3400, 10.5460, -3.9020



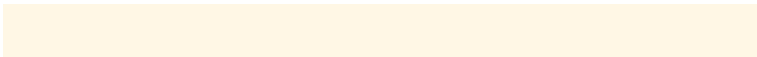
236.6600, -10.5460, 3.9020

Split Complementary

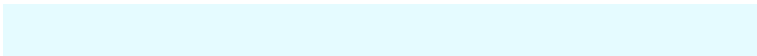
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.6350, -0.2300, 4.1700



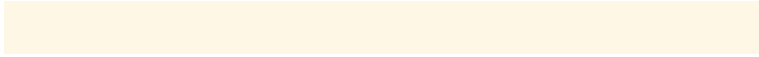
247.3400, 10.5460, -3.9020



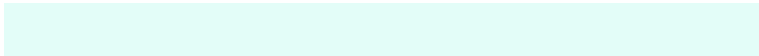
244.8780, -14.3960, -3.4200

Square

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



247.3400, 10.5460, -3.9020



244.6560, -13.8910, -7.0670



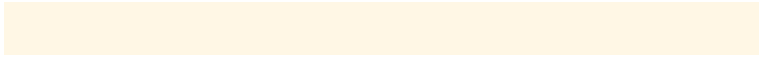
246.1070, -7.6110, 0.2690



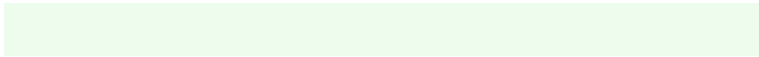
245.8700, 6.4180, 4.8340

Rectangle

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



247.3400, 10.5460, -3.9020



245.6910, -3.8040, -8.1560



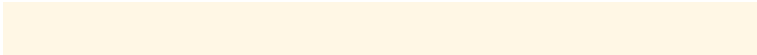
246.1070, -7.6110, 0.2690



247.9560, 3.3000, 6.2760

Sweetspot

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



247.3400, 10.5460, -3.9020



252.9140, 3.1180, -1.4420



237.6860, 12.9280, 8.0000



126.1420, 2.4760, -0.8200



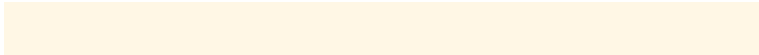
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



247.3400, 10.5460, -3.9020



246.1830, 12.4260, -4.9340



250.5410, 5.3660, -9.1460



124.1700, 5.2730, -1.9510



134.5930, 77.5360, -28.5440



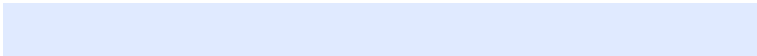
44.9640, 26.0440, -9.4440

Inverse Universe

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



236.6600, -10.5460, 3.9020



233.4040, -12.7010, 4.4110



233.4590, -5.3660, 9.1460



118.8300, -5.2730, 1.9510



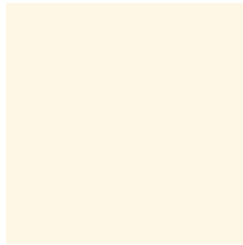
56.4070, -77.5360, 28.5440



19.0360, -26.0440, 9.4440

Previews

White Background



This preview shows how the YIQ color 247.3400, 10.5460, -3.9020 looks on a white background.

Color Contrast Check

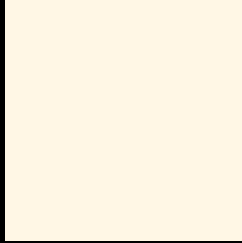
Large Text (above 18pt) WCAG AA × Fail

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 247.3400, 10.5460, -3.9020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

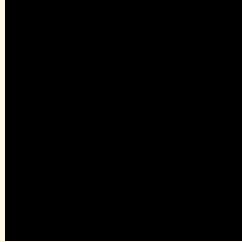
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 247.3400, 10.5460, -3.9020

Background



This preview shows how black text looks on a background with the YIQ color 247.3400, 10.5460, -3.9020.



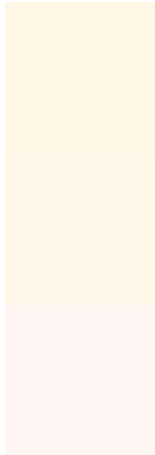
This preview shows how white text looks on a background with the YIQ color 247.3400, 10.5460,

-3.920.

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

247.3400, 10.5460, -3.9020

Protanopia

247.6820, 9.5830, -2.9690

Deuteranopia

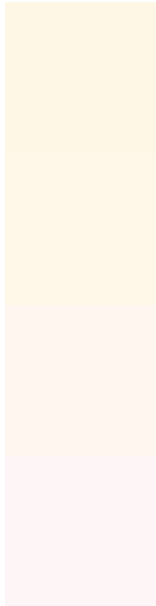
248.4630, 6.0060, 1.2860



Tritanopia

248.8310, 2.1540, 5.0180

Trichromacy



Original Color

247.3400, 10.5460, -3.9020

Protanomaly

247.5680, 9.9040, -3.2800

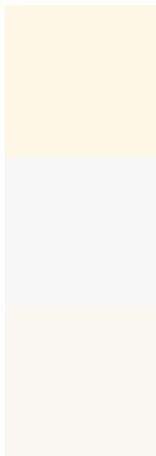
Deuteranomaly

247.8930, 7.6110, -0.2690

Tritanomaly

248.3920, 4.7680, 1.6960

Monochromacy



Original Color

247.3400, 10.5460, -3.9020

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

247.0990, 4.0350, -1.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.3400, 10.5460, -3.9020 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, 247, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 229)  
}
```

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, 247, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 229) }
```

Border

The CSS property to change the border of an element to YIQ 247.3400, 10.5460, -3.9020 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, 247, 229) }
```


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

```
.border{ border-color:rgb(255, 247, 229) }
```

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

Here you see how a box with a 4 pixel rgb(255, 247, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 247.3400, 10.5460, -3.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 229) }
```

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

```
.background{ background-color: rgb(255,  
247, 229) }
```

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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