

Converting Colors

YIQ(241.6060, 23.9360,
-15.2960)

Have a look what the booklet for
YIQ(241.6060, 23.9360, -15.2960)
contains.

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Color

**YIQ(241.6060, 23.9360,
-15.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5BD
RGB	255, 245, 189
RGB Percent	100%, 96%, 74%
CMY	0.0000, 0.0392, 0.2587
CMYK	0.00, 0.04, 0.26, 0.00
HSL	51°, 100%, 87%
HSV	51°, 26%, 100%
XYZ	83.0792, 90.2373, 61.2030
YIQ	241.6060, 23.9360, -15.2960

Conversions

Conversions Part 2

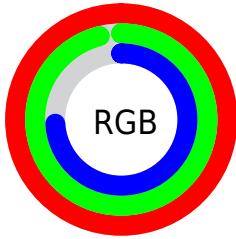
Format	Color
RYB	201, 255, 189
Decimal	16774589
CIELab	96.10, -5.10, 28.21
CIELCh	96, 28.668, 100.252
Yxy	90.2373, 0.3543, 0.3848
Android (android.graphics.Color)	4294964669 (0xFFFFF5BD)
YUV	241.6060, -25.9348, 11.7465
Hunter-Lab	94.9933, -10.1259, 28.2955

Details

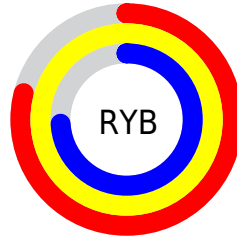
The YIQ color $241.6060, 23.9360, -15.2960$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $202.3940, -23.9360, 15.2960$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.9740, 2.8890, -2.7990$, and $185.5350, 22.6980, -14.8860$ is the 20% darker color. If you saturate the color by 10%, you get $236.4080, 33.0610, -20.9790$, and if you desaturate by 10%, it is $246.9180, 14.4900, -9.3020$.

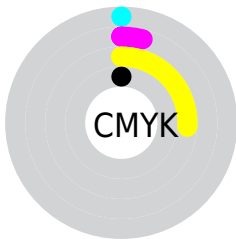
Distribution



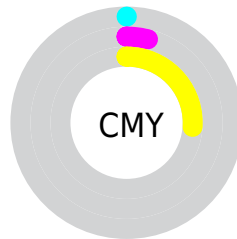
- Red (100%)
- Green (96%)
- Blue (74%)



- Red (79%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.6060, 23.9360, -15.2960 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 241.6060, 23.9360, -15.2960 by changing the saturation by 10% instead.

241.6060, 23.9360,
-15.2960

241.6060, 23.9360,
-15.2960

255.0000, -0.0000,
-0.0000

213.4210, 23.0190,
-15.1970

253.9740, 2.8890,
-2.7990

185.5350, 22.6980,
-14.8860

158.4640, 21.4600,
-14.4760

132.2790, 20.5430,
-14.3770

106.5070, 19.9010,
-13.7550

82.0230, 18.3880,
-13.8680

58.8380, 17.4710,

-13.7690

■ 37.5220, 15.5450,
-11.9030

■ 18.0080, 5.5490,
-6.9550

■ 241.6060, 23.9360,
-15.2960

■ 241.6060, 23.9360,
-15.2960

■ 236.4080, 33.0610,
-20.9790

■ 246.9180, 14.4900,
-9.3020

■ 231.0960, 42.5070,
-26.9730

■ 252.1160, 5.3650,
-3.6190

■ 225.8980, 51.6320,
-32.6560

255.0000, -0.0000,
-0.0000

■ 221.1730, 60.8030,
-39.1730

■ 215.9750, 69.9280,
-44.8560

■ 210.6630, 79.3740,
-50.8500

■ 205.4650, 88.4990,
-56.5330

■ 203.0370, 92.5800,
-58.9080

Harmonies

Analogous

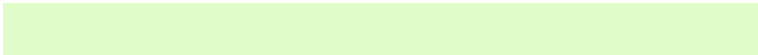
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.6650, 25.4480, -9.6560



241.6060, 23.9360, -15.2960



238.4010, -0.5920, -22.3200

Triad

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



241.6060, 23.9360, -15.2960



228.6880, -52.4480, -18.6560



237.9770, 7.9750, 15.1670

Complementary

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



241.6060, 23.9360, -15.2960



202.3940, -23.9360, 15.2960

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.



242.0860, 6.0500, 11.5060



241.6060, 23.9360, -15.2960



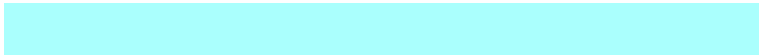
233.2060, -39.1070, -12.6350

Square

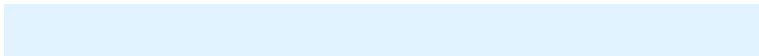
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.6060, 23.9360, -15.2960



229.3570, -50.0180, -18.6420



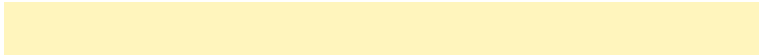
238.6870, -15.1760, -0.2960



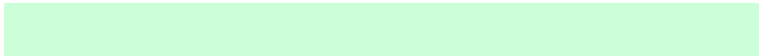
234.5230, 14.9450, 9.9930

Rectangle

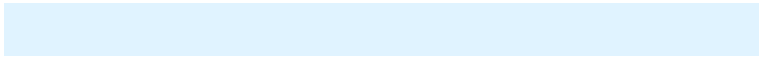
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.6060, 23.9360, -15.2960



234.8920, -18.1520, -23.4640



238.6870, -15.1760, -0.2960



239.1510, 7.4250, 14.1210

Sweetspot

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



241.6060, 23.9360, -15.2960



250.9590, 7.2450, -4.6510



209.9880, 35.8050, 17.4130



125.3440, 4.7230, -2.9970



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

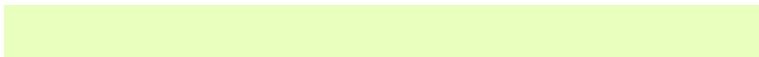
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.6060, 23.9360, -15.2960



238.9500, 28.6590, -18.2930



240.8980, 8.0740, -25.1900



125.3440, 4.7230, -2.9970



152.2030, 69.2860, -44.2340



50.8340, 23.2940, -14.6740

Inverse Universe

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



202.3940, -23.9360, 15.2960



192.0500, -28.6590, 18.2930



203.1020, -8.0740, 25.1900



117.6560, -4.7230, 2.9970



38.7970, -69.2860, 44.2340



13.1660, -23.2940, 14.6740

Previews

White Background



This preview shows how the YIQ color 241.6060, 23.9360, -15.2960 looks on a white background.

Color Contrast Check

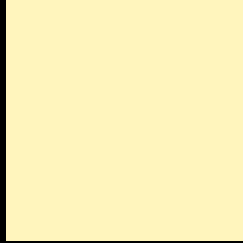
Large Text (above 18pt) WCAG AA × Fail

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 241.6060, 23.9360, -15.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

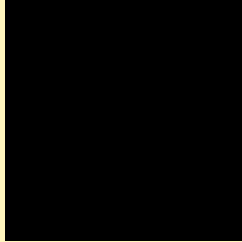
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 241.6060, 23.9360, -15.2960

Background



This preview shows how black text looks on a background with the YIQ color 241.6060, 23.9360, -15.2960.



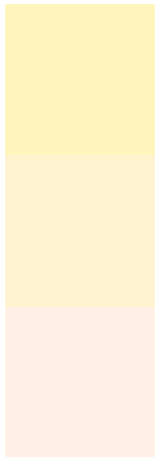
This preview shows how white text looks on a background with the YIQ color 241.6060, 23.9360,

-15.2960.

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

241.6060, 23.9360, -15.2960

Protanopia

243.1850, 18.1120, -8.8640

Deuteranopia

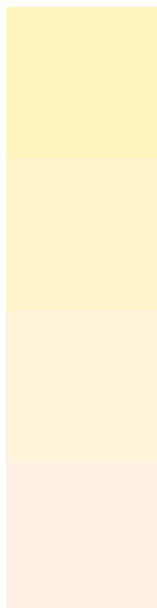
244.1600, 11.2330, 0.1690



Tritanopia

245.6250, 5.7300, 6.2900

Trichromacy



Original Color

241.6060, 23.9360, -15.2960

Protanomaly

242.3870, 20.3590, -11.0410

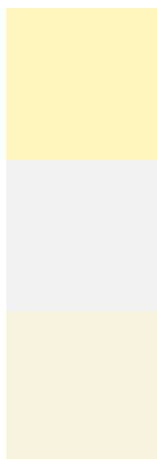
Deuteranomaly

242.9230, 16.0940, -5.3300

Tritanomaly

244.2910, 12.2420, -1.5980

Monochromacy



Original Color

241.6060, 23.9360, -15.2960

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

241.9160, 8.8040, -5.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.6060, 23.9360, -15.2960 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 189) }
```

Border

The CSS property to change the border of an element to YIQ 241.6060, 23.9360, -15.2960 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, 189) }
```


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

```
.border{ border-color:rgb(255, 245, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 241.6060, 23.9360, -15.2960 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
245, 189) }
```

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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