

Converting Colors

YIQ(243.6860, 28.9820,
-29.6580)

Have a look what the booklet for
YIQ(243.6860, 28.9820, -29.6580)
contains.

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Color

**YIQ(243.6860, 28.9820,
-29.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	FDFFA1
RGB	253, 255, 161
RGB Percent	99%, 100%, 63%
CMY	0.0079, 0.0000, 0.3684
CMYK	0.01, 0.00, 0.37, 0.00
HSL	61°, 100%, 82%
HSV	61°, 37%, 100%
XYZ	82.6994, 94.9745, 47.7136
YIQ	243.6860, 28.9820, -29.6580

Conversions

Conversions Part 2

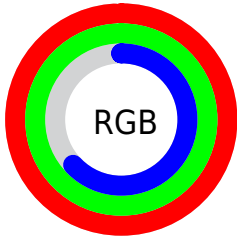
Format	Color
RYB	161, 255, 163
Decimal	16646049
CIELab	98.02, -14.14, 44.68
CIELCh	98, 46.866, 107.565
Yxy	94.9745, 0.3669, 0.4214
Android (android.graphics.Color)	4294836129 (0xFFFDFFA1)
YUV	243.6860, -40.7642, 8.1684
Hunter-Lab	97.4549, -19.0724, 39.1902

Details

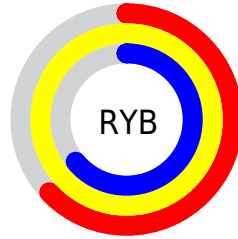
The YIQ color $243.6860, 28.9820, -29.6580$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $172.3140, -28.9820, 29.6580$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $250.6680, 12.1980, -11.8180$, and $186.8430, 27.1020, -28.6260$ is the 20% darker color. If you saturate the color by 10%, you get $240.5370, 36.4110, -37.6450$, and if you desaturate by 10%, it is $246.9490, 21.2320, -21.3600$.

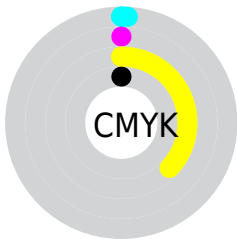
Distribution



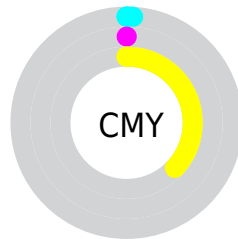
- Red (99%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 243.6860, 28.9820, -29.6580 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 243.6860, 28.9820, -29.6580 by changing the saturation by 10% instead.


 243.6860, 28.9820,
-29.6580

 243.6860, 28.9820,
-29.6580


255.0000, -0.0000,
-0.0000


 214.9140, 28.3400,
-29.0360


 250.6680, 12.1980,
-11.8180


 186.8430, 27.1020,
-28.6260

 253.9740, 2.8890,
-2.7990

 159.6580, 26.1850,
-28.5270

 133.4730, 25.2680,
-28.4280

 107.2880, 24.3510,
-28.3290

 81.3050, 25.6810,
-30.4070

 60.2150, 17.4270,

-23.9890

■ 39.8260, 8.5770,
-17.7830

■ 18.8280, -2.9320,
-12.9480

■ 243.6860, 28.9820,
-29.6580

■ 243.6860, 28.9820,
-29.6580

■ 240.5370, 36.4110,
-37.6450

■ 246.9490, 21.2320,
-21.3600

■ 237.5730, 44.7570,
-45.7310

■ 249.7990, 13.2070,
-13.5850

■ 234.4240, 52.1860,
-53.7180

■ 253.0620, 5.4570,
-5.2870

■ 231.4600, 60.5320,
-61.8040

■ 255.0000, -0.0000,
-0.0000

■ 228.3110, 67.9610,
-69.7910

■ 225.3470, 76.3070,
-77.8770

■ 224.4350, 78.8750,
-80.3650

Harmonies

Analogous

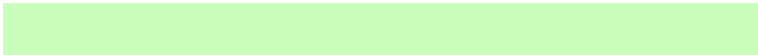
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.3650, 34.6200, -21.7000



243.6860, 28.9820, -29.6580



230.9880, -10.0350, -32.9070

Triad

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



243.6860, 28.9820, -29.6580



205.0670, -99.5320, -35.4040



232.1070, 10.7250, 20.3970

Complementary

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



243.6860, 28.9820, -29.6580



172.3140, -28.9820, 29.6580

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.



239.1510, 7.4250, 14.1210



243.6860, 28.9820, -29.6580



224.8010, -60.1960, -21.4120

Square

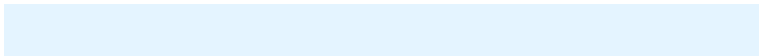
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.6860, 28.9820, -29.6580



205.6650, -98.3400, -34.9800



240.4700, -13.0670, 0.0290



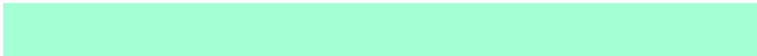
227.9860, 20.9510, 11.2790

Rectangle

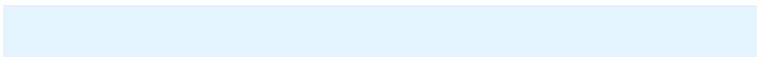
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.6860, 28.9820, -29.6580



223.0030, -40.7540, -32.3540



240.4700, -13.0670, 0.0290



233.8680, 9.9000, 18.8280

Sweetspot

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



243.6860, 28.9820, -29.6580



251.5090, 8.3920, -8.9200



190.2800, 55.4740, 18.8820



125.7630, 4.8610, -5.4990



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

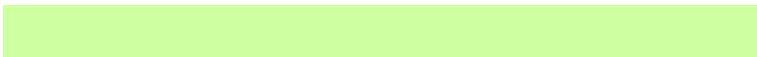
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.6860, 28.9820, -29.6580



241.6340, 34.7600, -35.2560



229.6330, 0.9700, -39.6220



126.2190, 3.5770, -4.2550



168.0300, 58.9270, -60.2490



56.1060, 19.3520, -20.3280

Inverse Universe

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



172.3140, -28.9820, 29.6580



156.3660, -34.7600, 35.2560



186.3670, -0.9700, 39.6220



116.4820, -4.1730, 4.0430



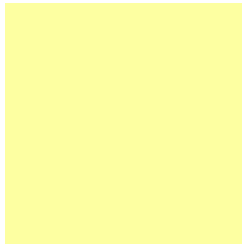
22.9700, -58.9270, 60.2490



7.5950, -19.9480, 20.1160

Previews

White Background



This preview shows how the YIQ color 243.6860, 28.9820, -29.6580 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 243.6860, 28.9820, -29.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

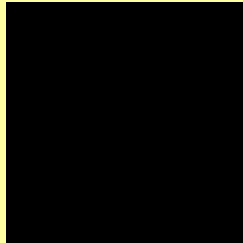
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 243.6860, 28.9820, -29.6580

Background



This preview shows how black text looks on a background with the YIQ color 243.6860, 28.9820, -29.6580.



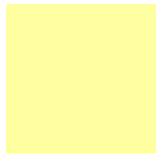
This preview shows how white text looks on a background with the YIQ color 243.6860, 28.9820,

-29.6580.

Color Blindness Simulation

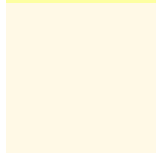
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



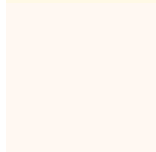
Original Color

243.6860, 28.9820, -29.6580



Protanopia

248.6280, 9.6750, -4.6370



Deuteranopia

249.4090, 6.0980, -0.3820



Tritanopia

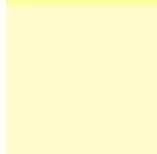
250.1900, 2.5210, 3.8730

Trichromacy



Original Color

243.6860, 28.9820, -29.6580



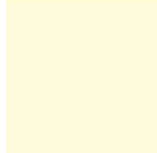
Protanomaly

246.6530, 16.5540, -13.6700



Deuteranomaly

247.5650, 13.9860, -11.1820



Tritanomaly

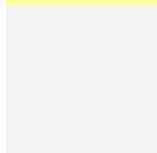
247.7760, 12.0140, -8.4820

Monochromacy



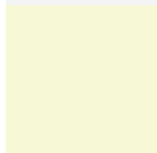
Original Color

243.6860, 28.9820, -29.6580



Achromatopsia

244.0000, 0.0000, -0.0000



Achromatomaly

243.8250, 10.3180, -10.7860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.6860, 28.9820, -29.6580 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(253, 255, 161)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 161)  
}
```

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(253, 255, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 161) }
```

Border

The CSS property to change the border of an element to YIQ 243.6860, 28.9820, -29.6580 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(253, 255, 161) }
```


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

```
.border{ border-color:rgb(253, 255, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 161);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 243.6860, 28.9820, -29.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 161) }
```

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

```
.background{ background-color: rgb(253,  
255, 161) }
```

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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