

Converting Colors

YIQ(239.8800, 17.6530, -6.0510)

Have a look what the booklet for
YIQ(239.8800, 17.6530, -6.0510)
contains.

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Color

**YIQ(239.8800, 17.6530,
-6.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEFD2
RGB	253, 239, 210
RGB Percent	99%, 94%, 82%
CMY	0.0078, 0.0627, 0.1764
CMYK	0.00, 0.06, 0.17, 0.01
HSL	40°, 92%, 91%
HSV	40°, 17%, 99%
XYZ	83.0100, 87.2672, 73.4573
YIQ	239.8800, 17.6530, -6.0510

Conversions

Conversions Part 2

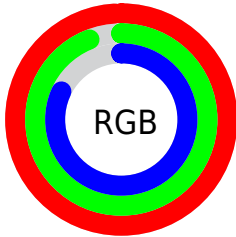
Format	Color
R _Y B	231, 253, 210
Decimal	16642002
CIE Lab	94.85, 0.13, 15.71
CIE LCh	95, 15.714, 89.544
Yxy	87.2672, 0.3406, 0.3580
Android (android.graphics.Color)	4294832082 (0xFFFDEFD2)
YUV	239.8800, -14.7308, 11.5062
Hunter-Lab	93.4169, -4.8651, 18.7698

Details

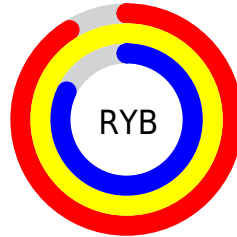
The YIQ color **239.8800, 17.6530, -6.0510** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **223.1200, -17.6530, 6.0510**, and the grayscale version is **240.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **183.6950, 16.7360, -5.9520** is the 20% darker color. If you saturate the color by 10%, you get **232.3340, 27.8780, -9.6420**, and if you desaturate by 10%, it is **247.4260, 7.4280, -2.4600**.

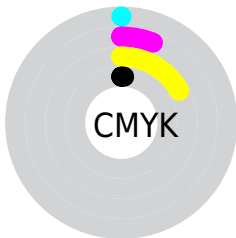
Distribution



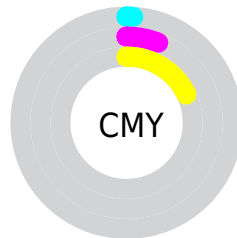
- Red (99%)
- Green (94%)
- Blue (82%)



- Red (91%)
- Yellow (99%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (1%)





- Cyan (1%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 239.8800, 17.6530, -6.0510 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 239.8800, 17.6530, -6.0510 by changing the saturation by 10% instead.


 239.8800, 17.6530,
-6.0510


 239.8800, 17.6530,
-6.0510


255.0000, -0.0000,
-0.0000


 211.5810, 17.0570,
-6.2630

 183.6950, 16.7360,
-5.9520

 156.8090, 16.4150,
-5.6410

 130.6240, 15.4980,
-5.5420

 105.4390, 14.5810,
-5.4430

 81.2540, 13.6640,
-5.3440

 58.0690, 12.7470,

-5.2450

■ 36.7700, 12.1510,
-5.4570

■ 16.2690, 9.3080,
-3.4920

■ 239.8800, 17.6530,
-6.0510

■ 239.8800, 17.6530,
-6.0510

■ 232.3340, 27.8780,
-9.6420

■ 247.4260, 7.4280,
-2.4600

■ 224.6740, 38.4240,
-13.5440

■ 254.4020, -1.1920,
-0.4240

■ 216.5410, 48.9240,
-16.6120

■ 208.9950, 59.1490,
-20.2030

■ 201.4490, 69.3740,
-23.7940

■ 193.7890, 79.9200,
-27.6960

■ 185.6560, 90.4200,
-30.7640

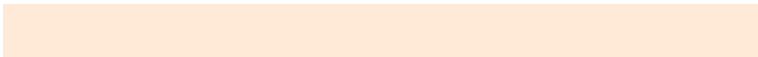
■ 178.1100,
100.6450, -34.3550

■ 176.0240,
103.7630, -35.7970

Harmonies

Analogous

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



238.1130, 18.6150, -1.4570



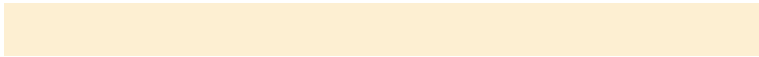
239.8800, 17.6530, -6.0510



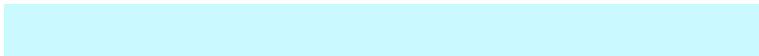
238.1880, 4.8620, -11.0260

Triad

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



239.8800, 17.6530, -6.0510



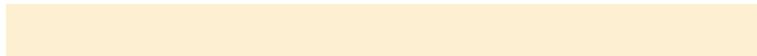
235.6310, -29.9380, -8.0980



241.4990, 6.3250, 12.0290

Complementary

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



239.8800, 17.6530, -6.0510



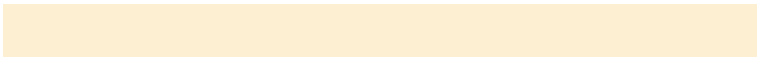
223.1200, -17.6530, 6.0510

Split Complementary

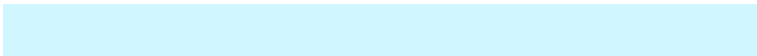
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.2590, -1.9270, 7.3930



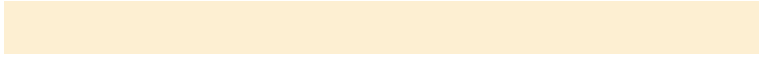
239.8800, 17.6530, -6.0510



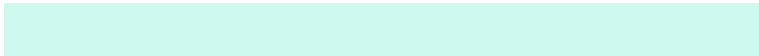
235.6640, -25.5370, -5.2570

Square

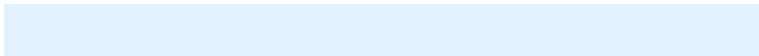
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.8800, 17.6530, -6.0510



235.0030, -22.4180, -12.2260



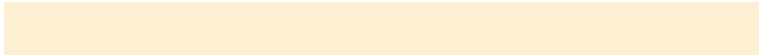
238.1000, -14.9010, 0.2270



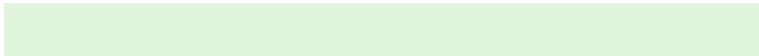
238.7290, 11.3690, 8.7210

Rectangle

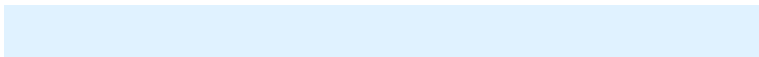
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.8800, 17.6530, -6.0510



236.4580, -4.7660, -12.7500



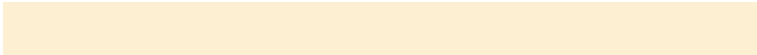
238.1000, -14.9010, 0.2270



242.0860, 6.0500, 11.5060

Sweetspot

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



239.8800, 17.6530, -6.0510



251.1700, 5.2730, -1.9510



224.4530, 21.1340, 13.4700



125.3270, 3.3930, -0.9190



0.0000, 0.0000, 0.0000



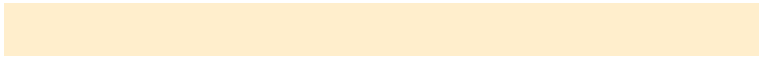
128.0000, -0.0000, -0.0000

Same Dimension

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



239.8800, 17.6530, -6.0510



239.2070, 21.0460, -6.9700



246.0050, 9.6310, -14.8570



123.5830, 5.5480, -1.4280



132.8320, 78.3610, -26.9750



44.3770, 26.3190, -8.9210

Inverse Universe

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



223.1200, -17.6530, 6.0510



219.7930, -21.0460, 6.9700



216.9950, -9.6310, 14.8570



118.8300, -5.2730, 1.9510



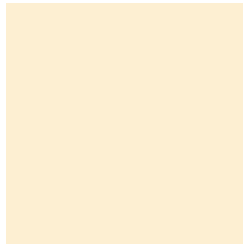
58.1680, -78.3610, 26.9750



19.6230, -26.3190, 8.9210

Previews

White Background



This preview shows how the YIQ color 239.8800, 17.6530, -6.0510 looks on a white background.

Color Contrast Check

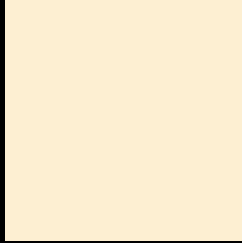
Large Text (above 18pt) WCAG AA × Fail

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 239.8800, 17.6530, -6.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

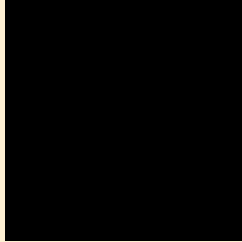
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.8800, 17.6530, -6.0510

Background



This preview shows how black text looks on a background with the YIQ color 239.8800, 17.6530, -6.0510.



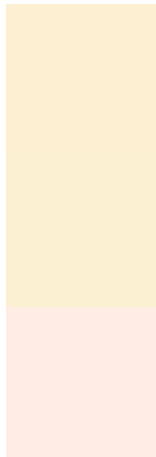
This preview shows how white text looks on a background with the YIQ color 239.8800, 17.6530,

-6.0510.

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

239.8800, 17.6530, -6.0510

Protanopia

239.8690, 16.1860, -6.9980

Deuteranopia

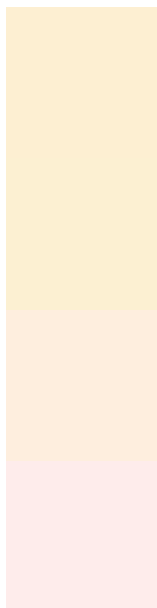
241.4700, 13.2960, 1.3280



Tritanopia

241.9890, 7.7010, 9.1170

Trichromacy



Original Color

239.8800, 17.6530, -6.0510

Protanomaly

240.1680, 16.7820, -6.7860

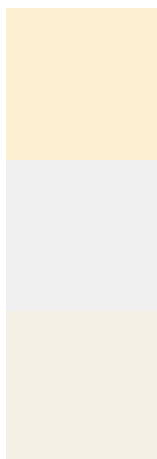
Deuteranomaly

240.9600, 14.6720, -1.5840

Tritanomaly

241.2680, 11.0490, 3.5050

Monochromacy



Original Color

239.8800, 17.6530, -6.0510

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.2410, 6.5110, -2.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.8800, 17.6530, -6.0510 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, 239, 210)` looks like.

```
.text, #text, p{  
    color:rgb(253, 239, 210)  
}
```

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, 239, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 239, 210) }
```

Border

The CSS property to change the border of an element to YIQ 239.8800, 17.6530, -6.0510 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, 239, 210) }
```


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

```
.border{ border-color:rgb(253, 239, 210) }
```

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

Here you see how a box with a 4 pixel rgb(253, 239, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 239, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 239, 210);  
box-shadow:4px 4px 4px 4px rgb(253, 239,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 239.8800, 17.6530, -6.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 239, 210) }
```

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

```
.background{ background-color: rgb(253,  
239, 210) }
```

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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