

Converting Colors

YIQ(238.4990, 14.3520, -6.8000)

Have a look what the booklet for
YIQ(238.4990, 14.3520, -6.8000)
contains.

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Color

**YIQ(238.4990, 14.3520,
-6.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EFD3
RGB	248, 239, 211
RGB Percent	97%, 94%, 83%
CMY	0.0274, 0.0627, 0.1725
CMYK	0.00, 0.04, 0.15, 0.03
HSL	45°, 73%, 90%
HSV	45°, 15%, 97%
XYZ	81.3375, 86.3915, 74.0295
YIQ	238.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

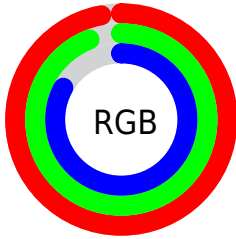
Format	Color
R _Y B	223, 248, 211
Decimal	16314323
CIE Lab	94.48, -1.50, 14.62
CIE LCh	94, 14.694, 95.871
Yxy	86.3915, 0.3364, 0.3573
Android (android.graphics.Color)	4294504403 (0xFFF8EFD3)
YUV	238.4990, -13.5570, 8.3324
Hunter-Lab	92.9471, -6.4528, 17.8403

Details

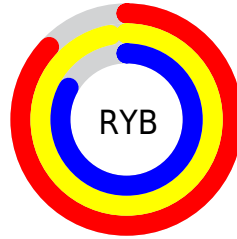
The YIQ color **238.4990, 14.3520, -6.8000** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **220.5010, -14.3520, 6.8000**, and the grayscale version is **239.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **182.3140, 13.4350, -6.7010** is the 20% darker color. If you saturate the color by 10%, you get **232.1270, 24.0270, -11.4370**, and if you desaturate by 10%, it is **244.8710, 4.6770, -2.1630**.

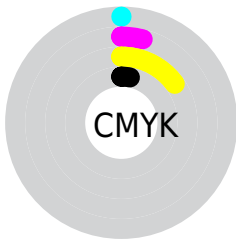
Distribution



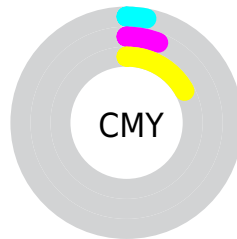
- Red (97%)
- Green (94%)
- Blue (83%)



- Red (87%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.4990, 14.3520, -6.8000 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 238.4990, 14.3520, -6.8000 by changing the saturation by 10% instead.

■ 238.4990, 14.3520,
-6.8000

■ 238.4990, 14.3520,
-6.8000

255.0000, -0.0000,
-0.0000

■ 210.2000, 13.7560,
-7.0120

■ 182.3140, 13.4350,
-6.7010

■ 155.4280, 13.1140,
-6.3900

■ 129.5420, 12.7930,
-6.0790

■ 104.3570, 11.8760,
-5.9800

■ 80.1720, 10.9590,
-5.8810

■ 57.2860, 10.6380,

-5.5700

■ 35.6880, 9.4460,
-5.9940

■ 15.0730, 6.9240,
-4.3400

■ 238.4990, 14.3520,
-6.8000

■ 238.4990, 14.3520,
-6.8000

■ 232.1270, 24.0270,
-11.4370

■ 244.8710, 4.6770,
-2.1630

■ 225.7550, 33.7020,
-16.0740

■ 250.5590, -3.0720,
0.6080

■ 219.4970, 43.0560,
-20.4000

■ 252.9070, -4.1720,
-1.4840

■ 213.1250, 52.7310,
-25.0370

■ 206.7530, 62.4060,
-29.6740

■ 200.3810, 72.0810,
-34.3110

■ 194.0090, 81.7560,
-38.9480

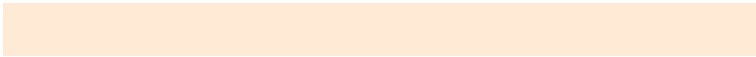
■ 187.7510, 91.1100,
-43.2740

■ 184.5080, 96.1080,
-45.7480

Harmonies

Analogous

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



237.9990, 18.9360, -1.7680



238.4990, 14.3520, -6.8000



236.6330, 2.1110, -10.7290

Triad

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



238.4990, 14.3520, -6.8000



235.0550, -28.1960, -6.6280



240.4560, 7.8840, 11.3080

Complementary

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



238.4990, 14.3520, -6.8000



220.5010, -14.3520, 6.8000

Split Complementary

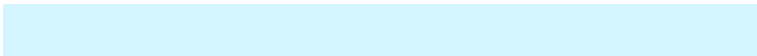
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.2700, -0.4600, 8.3400



238.4990, 14.3520, -6.8000



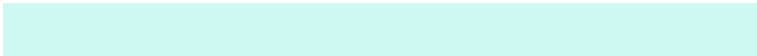
235.6860, -22.6030, -3.3630

Square

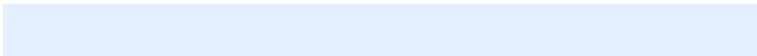
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.4990, 14.3520, -6.8000



234.6440, -22.7850, -11.0810



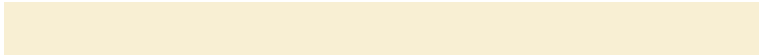
237.5350, -11.6920, 2.6440



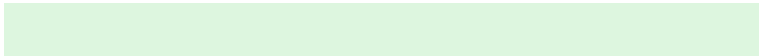
238.2730, 12.6530, 7.4770

Rectangle

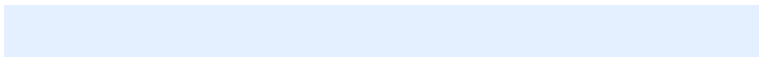
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.4990, 14.3520, -6.8000



235.9030, -7.5170, -12.4530



237.5350, -11.6920, 2.6440



241.4990, 6.3250, 12.0290

Sweetspot

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



238.4990, 14.3520, -6.8000



252.6860, 3.7600, -2.0640



223.0890, 19.1630, 10.6430



126.0280, 2.7970, -1.1310



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

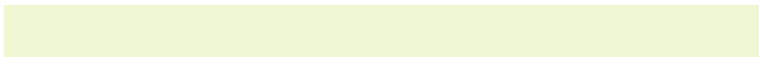
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.4990, 14.3520, -6.8000



243.2990, 17.7910, -8.5530



241.0910, 6.5130, -13.4150



121.7570, 4.9980, -2.4740



140.4520, 73.3190, -34.7210



45.2410, 23.7060, -11.1260

Inverse Universe

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



220.5010, -14.3520, 6.8000



220.7010, -17.7910, 8.5530



217.9090, -6.5130, 13.4150



115.2430, -4.9980, 2.4740



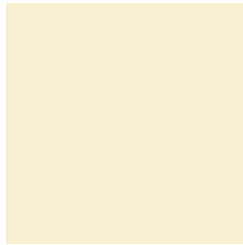
48.5480, -73.3190, 34.7210



15.7590, -23.7060, 11.1260

Previews

White Background



This preview shows how the YIQ color 238.4990, 14.3520, -6.8000 looks on a white background.

Color Contrast Check

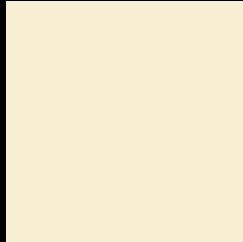
Large Text (above 18pt) WCAG AA × Fail

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 238.4990, 14.3520, -6.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

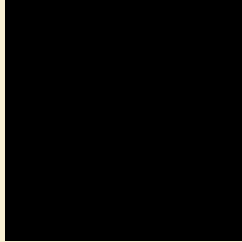
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 238.4990, 14.3520, -6.8000

Background



This preview shows how black text looks on a background with the YIQ color 238.4990, 14.3520, -6.8000.



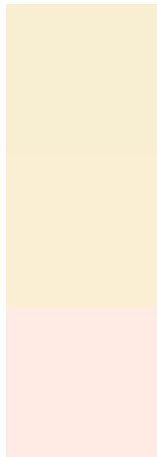
This preview shows how white text looks on a background with the YIQ color 238.4990, 14.3520,

-6.8000.

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

238.4990, 14.3520, -6.8000

Protanopia

238.5100, 15.8190, -5.8530

Deuteranopia

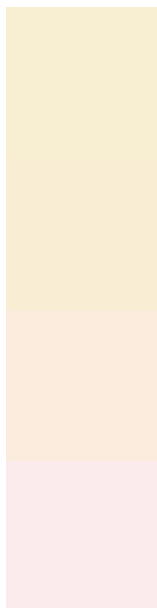
240.0680, 14.4880, 1.7520



Tritanopia

241.0320, 6.1420, 9.8380

Trichromacy



Original Color

238.4990, 14.3520, -6.8000

Protanomaly

238.2110, 15.2230, -6.0650

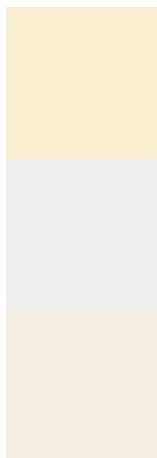
Deuteranomaly

239.0740, 14.3510, -1.2730

Tritanomaly

239.8980, 9.2150, 3.7030

Monochromacy



Original Color

238.4990, 14.3520, -6.8000

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.0560, 5.5940, -2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.4990, 14.3520, -6.8000 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(248, 239, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 239, 211)  
}
```

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(248, 239, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 239, 211) }
```

Border

The CSS property to change the border of an element to YIQ 238.4990, 14.3520, -6.8000 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(248, 239, 211) }
```


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

```
.border{ border-color:rgb(248, 239, 211) }
```

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

Here you see how a box with a 4 pixel rgb(248, 239, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 239, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 239, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 239,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 238.4990, 14.3520, -6.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 239, 211) }
```

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

```
.background{ background-color: rgb(248,  
239, 211) }
```

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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