

Converting Colors

YIQ(224.4990, 14.3520, -6.8000)

Have a look what the booklet for
YIQ(224.4990, 14.3520, -6.8000)
contains.

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Color

**YIQ(224.4990, 14.3520,
-6.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE1C5
RGB	234, 225, 197
RGB Percent	92%, 88%, 77%
CMY	0.0823, 0.1176, 0.2274
CMYK	0.00, 0.04, 0.16, 0.08
HSL	45°, 47%, 85%
HSV	45°, 16%, 92%
XYZ	70.9365, 75.3731, 63.6451
YIQ	224.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

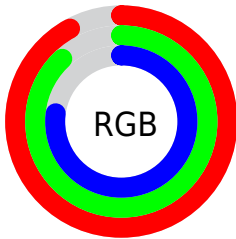
Format	Color
R_{YB}	209, 234, 197
Decimal	15393221
CIE _{Lab}	89.57, -1.49, 14.79
CIE _{LCh}	90, 14.864, 95.768
Yxy	75.3731, 0.3379, 0.3590
Android (android.graphics.Color)	4293583301 (0xFFEAE1C5)
YUV	224.4990, -13.5570, 8.3324
Hunter-Lab	86.8177, -6.0831, 17.3075

Details

The YIQ color **224.4990, 14.3520, -6.8000** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **206.5010, -14.3520, 6.8000**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **254.8860, 0.3210, -0.3110**, and **169.3140, 13.4350, -6.7010** is the 20% darker color. If you saturate the color by 10%, you get **218.3550, 23.3850, -10.8150**, and if you desaturate by 10%, it is **230.6430, 5.3190, -2.7850**.

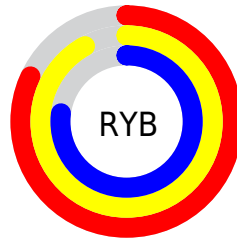
Distribution



Red (92%)

Green (88%)

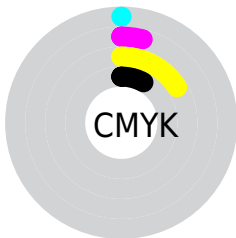
Blue (77%)



Red (82%)

Yellow (92%)

Blue (77%)

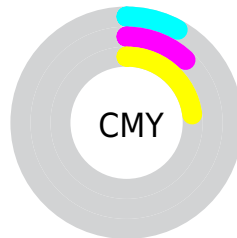


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.4990, 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 224.4990, 14.3520, -6.8000 by changing the saturation by 10% instead.

■ 224.4990, 14.3520,
-6.8000

■ 224.4990, 14.3520,
-6.8000

255.0000, -0.0000,
-0.0000

■ 196.6130, 14.0310,
-6.4890

254.8860, 0.3210,
-0.3110

■ 169.3140, 13.4350,
-6.7010

■ 142.5420, 12.7930,
-6.0790

■ 117.2430, 12.1970,
-6.2910

■ 92.3570, 11.8760,
-5.9800

■ 69.1720, 10.9590,
-5.8810

■ 46.4000, 10.3170,

-5.2590

■ 25.4170, 11.6470,
-7.3370

■ 0.0000, 0.0000,
0.0000

■ 224.4990, 14.3520,
-6.8000

■ 224.4990, 14.3520,
-6.8000

■ 218.3550, 23.3850,
-10.8150

■ 230.6430, 5.3190,
-2.7850

■ 212.6840, 32.4640,
-15.6640

■ 236.3140, -3.7600,
2.0640

■ 206.5400, 41.4970,
-19.6790

■ 241.0900, -8.9410,
2.3470

■ 200.2820, 50.8510,
-24.0050

■ 244.6120,
-10.5910, -0.7910

■ 194.7250, 59.6090,
-28.5430

■ 247.5470,
-11.9660, -3.4060

■ 188.5810, 68.6420,
-32.5580

■ 248.7210,
-12.5160, -4.4520

■ 182.3230, 77.9960,
-36.8840

■ 176.1790, 87.0290,
-40.8990

■ 173.8650, 90.7890,
-42.9630

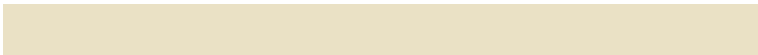
Harmonies

Analogous

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



225.7930, 22.5120, -0.4960



224.4990, 14.3520, -6.8000



222.6330, 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.



224.4990, 14.3520, -6.8000



221.0550, -28.1960, -6.6280



227.9510, 10.8640, 12.3680

Complementary

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



224.4990, 14.3520, -6.8000



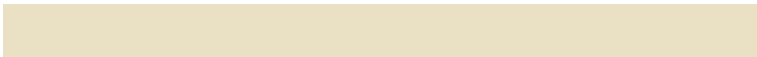
206.5010, -14.3520, 6.8000

Split Complementary

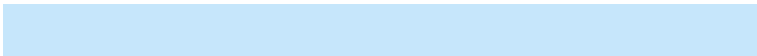
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.0680, -2.7070, 10.5170



224.4990, 14.3520, -6.8000



222.8260, -25.8130, -0.2530

Square

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



224.4990, 14.3520, -6.8000



220.6440, -22.7850, -11.0810



224.6040, -16.1400, 6.1640



227.8720, 21.2720, 10.9680

Rectangle

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



224.4990, 14.3520, -6.8000



221.9030, -7.5170, -12.4530



224.6040, -16.1400, 6.1640



227.7980, 6.9210, 12.2410

Sweetspot

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



224.4990, 14.3520, -6.8000



251.7570, 4.9980, -2.4740



209.0890, 19.1630, 10.6430



125.9140, 3.1180, -1.4420



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.



224.4990, 14.3520, -6.8000



242.4840, 18.7080, -8.6520



227.0910, 6.5130, -13.4150



113.9850, 4.3560, -1.8520



134.5380, 70.2010, -33.2790



40.2130, 20.9090, -9.9950

Inverse Universe

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



206.5010, -14.3520, 6.8000



218.9290, -18.4330, 9.1750



203.9090, -6.5130, 13.4150



108.4280, -4.0810, 2.3750



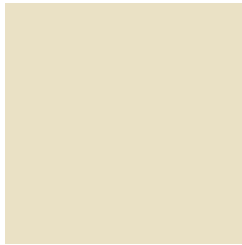
46.4620, -70.2010, 33.2790



13.7870, -20.9090, 9.9950

Previews

White Background



This preview shows how the YIQ color 224.4990, 14.3520, -6.8000 looks on a white background.

Color Contrast Check

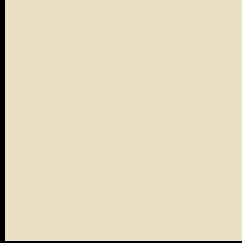
Large Text (above 18pt) WCAG AA × Fail

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 224.4990, 14.3520, -6.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

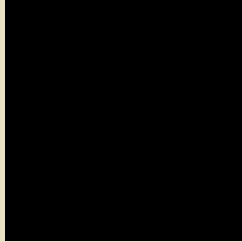
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

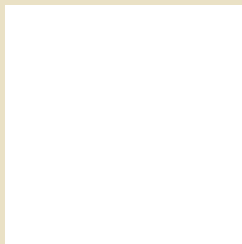
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.4990, 14.3520, -6.8000

Background



This preview shows how black text looks on a background with the YIQ color 224.4990, 14.3520, -6.8000.



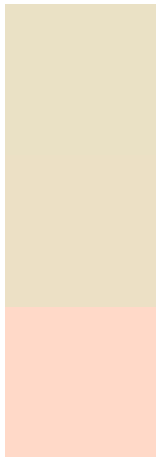
This preview shows how white text looks on a background with the YIQ color 224.4990, 14.3520,

-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

224.4990, 14.3520, -6.8000

Protanopia

224.5100, 15.8190, -5.8530

Deuteranopia

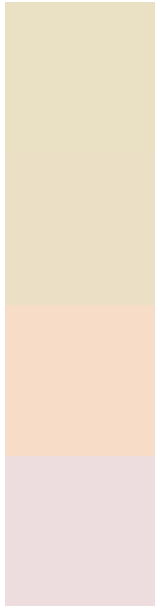
226.4240, 28.1050, 2.7690



Tritanopia

227.0320, 6.1420, 9.8380

Trichromacy



Original Color

224.4990, 14.3520, -6.8000

Protanomaly

224.2110, 15.2230, -6.0650

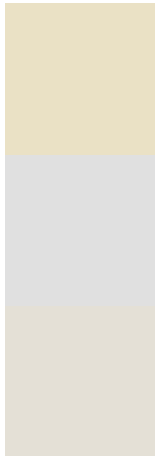
Deuteranomaly

225.6790, 22.8330, -0.8070

Tritanomaly

225.8980, 9.2150, 3.7030

Monochromacy



Original Color

224.4990, 14.3520, -6.8000

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.0560, 5.5940, -2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.4990, 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(234, 225, 197)` looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 197)  
}
```

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(234, 225, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 197) }
```

Border

The CSS property to change the border of an element to YIQ 224.4990, 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(234, 225, 197) }
```


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

```
.border{ border-color:rgb(234, 225, 197) }
```

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

Here you see how a box with a 4 pixel rgb(234, 225, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 197);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 224.4990, 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(234, 225, 197) }
```

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

```
.background{ background-color: rgb(234,  
225, 197) }
```

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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