

Converting Colors

YIQ(224.5300, 3.8990, -10.0930)

Have a look what the booklet for
YIQ(224.5300, 3.8990, -10.0930)
contains.

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Color

**YIQ(224.5300, 3.8990,
-10.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE6CB
RGB	222, 230, 203
RGB Percent	87%, 90%, 80%
CMY	0.1294, 0.0980, 0.2039
CMYK	0.03, 0.00, 0.12, 0.10
HSL	78°, 35%, 85%
HSV	78°, 12%, 90%
XYZ	69.1997, 76.4359, 67.6121
YIQ	224.5300, 3.8990, -10.0930

Conversions

Conversions Part 2

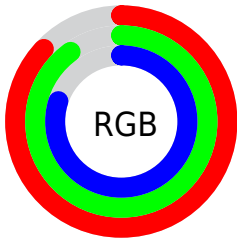
Format	Color
R_{YB}	203, 230, 211
Decimal	14608075
CIE _{Lab}	90.06, -7.35, 12.24
CIE _{LCh}	90, 14.276, 121.009
Yxy	76.4359, 0.3245, 0.3584
Android (android.graphics.Color)	4292798155 (0xFFDEE6CB)
YUV	224.5300, -10.6143, -2.2188
Hunter-Lab	87.4276, -11.7139, 15.3474

Details

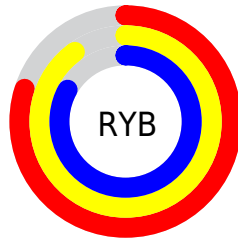
The YIQ color **224.5300, 3.8990, -10.0930** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **208.4700, -3.8990, 10.0930**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **169.6440, 3.5780, -9.7820** is the 20% darker color. If you saturate the color by 10%, you get **219.8150, 7.1100, -18.7300**, and if you desaturate by 10%, it is **229.2450, 0.6880, -1.4560**.

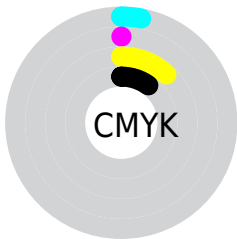
Distribution



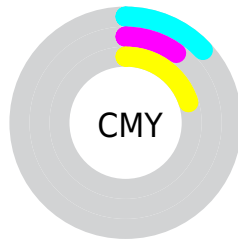
- Red (87%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (90%)
- Blue (83%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.5300, 3.8990, -10.0930 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 224.5300, 3.8990, -10.0930 by changing the saturation by 10% instead.

■ 224.5300, 3.8990,
-10.0930

■ 224.5300, 3.8990,
-10.0930

255.0000, -0.0000,
-0.0000

■ 196.6440, 3.5780,
-9.7820

■ 169.6440, 3.5780,
-9.7820

■ 142.7580, 3.2570,
-9.4710

■ 117.1710, 3.5320,
-8.9480

■ 92.2850, 3.2110,
-8.6370

■ 69.3990, 2.8900,
-8.3260

■ 46.5130, 2.5690,

-8.0150

■ 25.4700, 4.1280,
-8.7360

■ 0.0000, 0.0000,
0.0000

■ 224.5300, 3.8990,
-10.0930

■ 224.5300, 3.8990,
-10.0930

■ 219.8150, 7.1100,
-18.7300

■ 229.2450, 0.6880,
-1.4560

■ 215.1000, 10.3210,
-27.3670

■ 233.9600, -2.5230,
7.1810

■ 210.6840, 14.1280,
-35.7920

■ 236.4380, -0.8730,
10.3190

■ 205.9690, 17.3390,
-44.4290

■ 238.5310, 3.2990,
11.8030

■ 201.2540, 20.5500,
-53.0660

■ 240.3250, 6.8750,
13.0750

■ 196.5390, 23.7610,
-61.7030

■ 191.8240, 26.9720,
-70.3400

■ 187.1090, 30.1830,
-78.9770

■ 183.4480, 33.3020,
-85.9460

Harmonies

Analogous

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



226.2110, 15.2230, -6.0650



224.5300, 3.8990, -10.0930



222.9460, -9.0760, -11.7320

Triad

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



224.5300, 3.8990, -10.0930



224.1850, -25.4460, -1.3980



229.2030, 18.8420, 10.9540

Complementary

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



224.5300, 3.8990, -10.0930



208.4700, -3.8990, 10.0930

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.



229.1680, 8.7550, 12.0430



224.5300, 3.8990, -10.0930



226.4790, -17.2860, 4.9060

Square

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



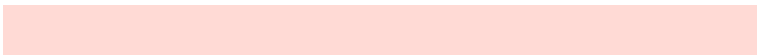
224.5300, 3.8990, -10.0930



222.1260, -26.9580, -7.0380



228.1710, -4.4950, 9.8810



228.4930, 23.6570, 6.2890

Rectangle

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



224.5300, 3.8990, -10.0930



222.1670, -17.0080, -11.1520



228.1710, -4.4950, 9.8810



229.6480, 16.0910, 11.2510

Sweetspot

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



224.5300, 3.8990, -10.0930



252.9630, 1.4220, -3.7460



215.7690, 13.8920, 1.5400



126.6040, 1.0550, -2.6010



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.



224.5300, 3.8990, -10.0930



247.6070, 5.0000, -13.5280



220.6430, -3.8490, -12.8490



112.4360, 1.4680, -4.5800



142.4480, 25.2750, -67.1170



40.7010, 7.4310, -19.0410

Inverse Universe

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



208.4700, -3.8990, 10.0930



226.3930, -5.0000, 13.5280



212.3570, 3.8490, 12.8490



105.5640, -1.4680, 4.5800



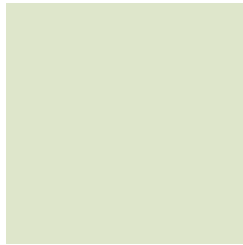
36.2530, -25.8710, 66.9050



10.2990, -7.4310, 19.0410

Previews

White Background



This preview shows how the YIQ color 224.5300, 3.8990, -10.0930 looks on a white background.

Color Contrast Check

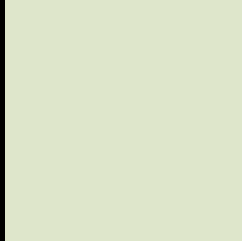
Large Text (above 18pt) WCAG AA × Fail

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 224.5300, 3.8990, -10.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

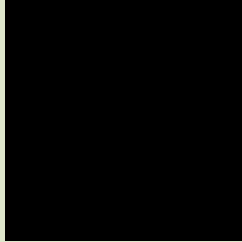
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

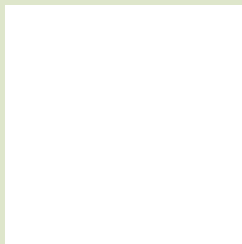
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.5300, 3.8990, -10.0930

Background



This preview shows how black text looks on a background with the YIQ color 224.5300, 3.8990, -10.0930.



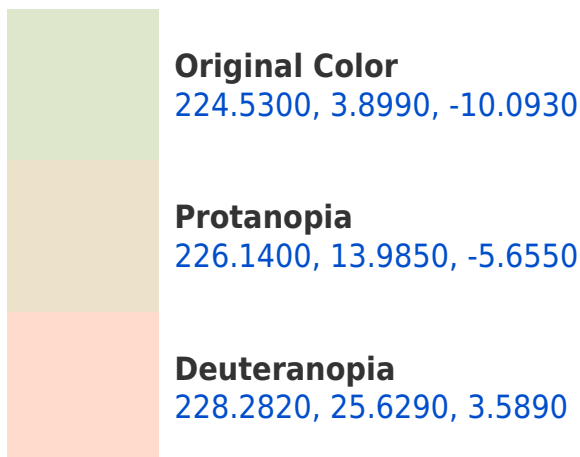
This preview shows how white text looks on a background with the YIQ color 224.5300, 3.8990, -10.0930.

-10.0930.

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

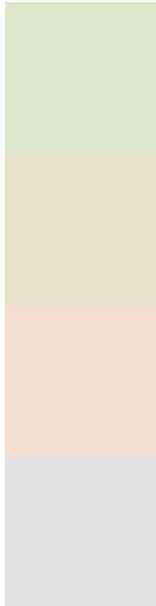




Tritanopia

227.2480, -3.3940, 6.4460

Trichromacy



Original Color

224.5300, 3.8990, -10.0930

Protanomaly

225.3460, 10.4090, -6.9270

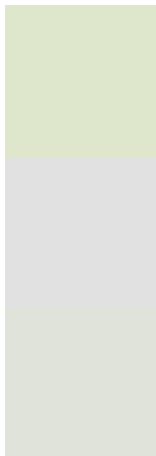
Deuteranomaly

226.9280, 17.6980, -1.3580

Tritanomaly

226.2280, -0.6420, 0.6220

Monochromacy



Original Color

224.5300, 3.8990, -10.0930

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.9630, 1.4220, -3.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.5300, 3.8990, -10.0930 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(222, 230, 203)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 203)  
}
```

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(222, 230, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 203) }
```

Border

The CSS property to change the border of an element to YIQ 224.5300, 3.8990, -10.0930 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(222, 230, 203) }
```


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

```
.border{ border-color:rgb(222, 230, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 230, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 203);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 224.5300, 3.8990, -10.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 203) }
```

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

```
.background{ background-color: rgb(222,  
230, 203) }
```

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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