

Converting Colors

YIQ(230.9900, -3.2080, -7.9440)

Have a look what the booklet for
YIQ(230.9900, -3.2080, -7.9440)
contains.

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Color

**YIQ(230.9900, -3.2080,
-7.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEDDD
RGB	223, 237, 221
RGB Percent	87%, 93%, 87%
CMY	0.1255, 0.0705, 0.1333
CMYK	0.06, 0.00, 0.07, 0.07
HSL	113°, 31%, 90%
HSV	113°, 7%, 93%
XYZ	73.7650, 81.4784, 80.2456
YIQ	230.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

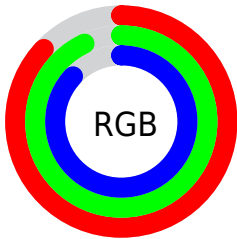
Format	Color
R _Y B	221, 237, 235
Decimal	14675421
CIE Lab	92.34, -7.51, 6.15
CIE LCh	92, 9.706, 140.719
Yxy	81.4784, 0.3132, 0.3460
Android (android.graphics.Color)	4292865501 (0xFFDFEDDD)
YUV	230.9900, -4.9251, -7.0072
Hunter-Lab	90.2654, -12.0940, 10.4772

Details

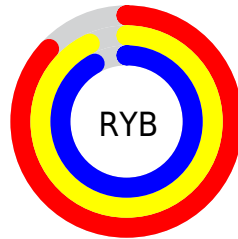
The YIQ color $230.9900, -3.2080, -7.9440$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $227.0100, 3.2080, 7.9440$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.4030, -2.9330, -7.4210$ is the 20% darker color. If you saturate the color by 10%, you get $221.9750, -8.0200, -19.8600$, and if you desaturate by 10%, it is $240.0050, 1.6040, 3.9720$.

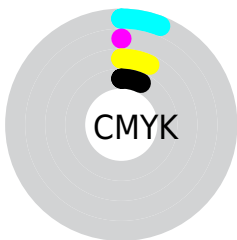
Distribution



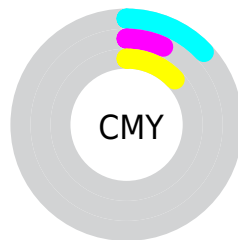
- Red (87%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (92%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.9900, -3.2080, -7.9440 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 230.9900, -3.2080, -7.9440 by changing the saturation by 10% instead.

■ 230.9900, -3.2080,
-7.9440

■ 230.9900, -3.2080,
-7.9440

255.0000, -0.0000,
-0.0000

■ 202.9900, -3.2080,
-7.9440

■ 175.4030, -2.9330,
-7.4210

■ 148.5170, -3.2540,
-7.1100

■ 122.8160, -2.6580,
-6.8980

■ 97.9300, -2.9790,
-6.5870

■ 74.2290, -2.3830,
-6.3750

■ 51.3430, -2.7040,

-6.0640

■ 30.7560, -2.4290,
-5.5410

■ 8.2180, -3.8500,
-7.3220

■ 230.9900, -3.2080,
-7.9440

■ 230.9900, -3.2080,
-7.9440

■ 221.9750, -8.0200,
-19.8600

■ 240.0050, 1.6040,
3.9720

■ 213.0740,
-13.1530, -31.4650

■ 244.4340, 4.9500,
9.4140

■ 204.3580,
-17.3690, -43.1690

■ 195.3430,
-22.1810, -55.0850

■ 186.3280,
-26.9930, -67.0010

■ 177.4270,
-32.1260, -78.6060

■ 168.7110,
-36.3420, -90.3100

■ 159.6960,
-41.1540, -102.2260

■ 150.7950,
-46.2870, -113.8310

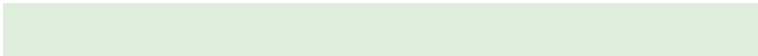
Harmonies

Analogous

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



231.9480, 5.7780, -5.5980



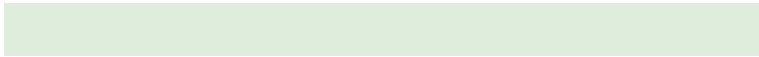
230.9900, -3.2080, -7.9440



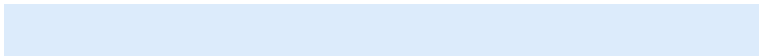
230.4990, -12.0110, -8.0990

Triad

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



230.9900, -3.2080, -7.9440



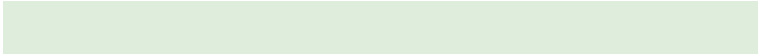
232.3390, -14.0760, 1.7960



235.0730, 16.0920, 5.7240

Complementary

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



230.9900, -3.2080, -7.9440



227.0100, 3.2080, 7.9440

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.



235.2020, 11.4150, 7.8870



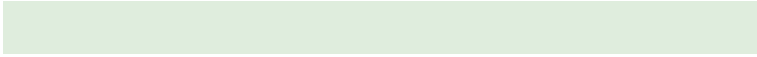
230.9900, -3.2080, -7.9440



233.7530, -6.3740, 5.3860

Square

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



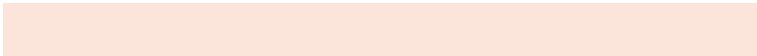
230.9900, -3.2080, -7.9440



230.6650, -18.1100, -2.1900



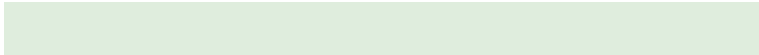
235.0100, 3.2080, 7.9440



234.4380, 16.3220, 1.5540

Rectangle

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



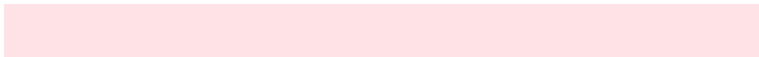
230.9900, -3.2080, -7.9440



230.2860, -15.7250, -6.8690



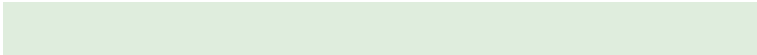
235.0100, 3.2080, 7.9440



235.1160, 14.5330, 6.4450

Sweetspot

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



230.9900, -3.2080, -7.9440



253.2340, -0.7790, -2.4030



234.0020, 5.6860, -3.9300



126.7610, -0.8250, -1.5690



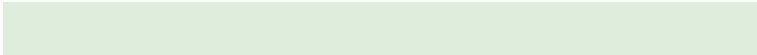
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



230.9900, -3.2080, -7.9440



247.3380, -4.3080, -10.0360



231.0760, -6.3260, -6.5020



112.7560, -2.4290, -5.5410



112.8250, -36.6630, -89.9990



33.7910, -10.6780, -26.7580

Inverse Universe

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



227.0100, 3.2080, 7.9440



242.3630, 3.7120, 9.8240



226.9240, 6.3260, 6.5020



110.2440, 2.4290, 5.5410



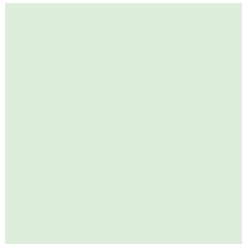
68.1750, 36.6630, 89.9990



20.2090, 10.6780, 26.7580

Previews

White Background



This preview shows how the YIQ color 230.9900, -3.2080, -7.9440 looks on a white background.

Color Contrast Check

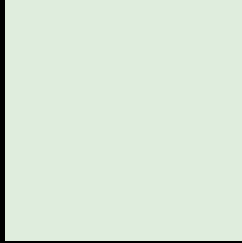
Large Text (above 18pt) WCAG AA × Fail

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 230.9900, -3.2080, -7.9440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

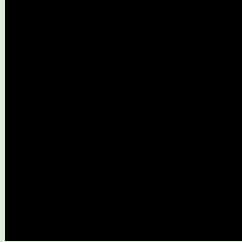
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

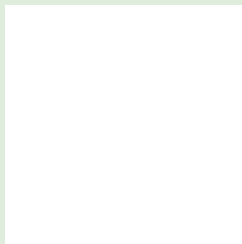
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.9900, -3.2080, -7.9440

Background



This preview shows how black text looks on a background with the YIQ color 230.9900, -3.2080, -7.9440.



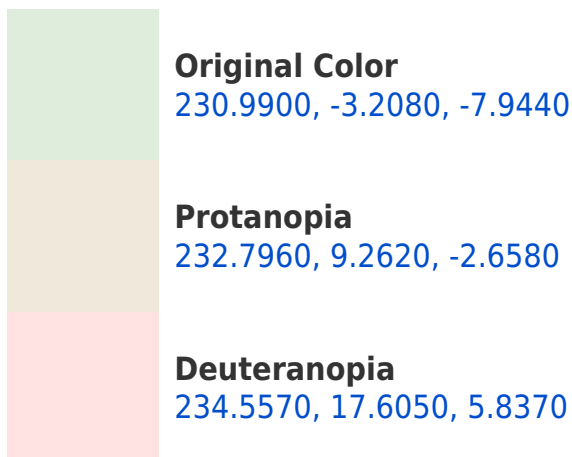
This preview shows how white text looks on a background with the YIQ color 230.9900, -3.2080, -7.9440.

-7.9440.

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

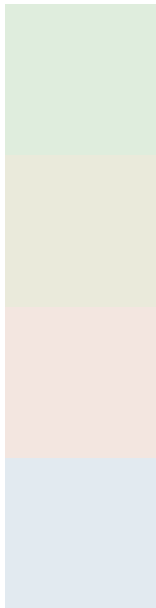




Tritanopia

233.5570, -8.7580, 4.5380

Trichromacy



Original Color

230.9900, -3.2080, -7.9440

Protanomaly

232.2900, 4.8150, -4.6650

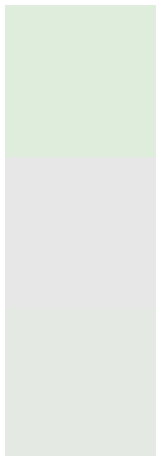
Deuteranomaly

233.2030, 9.6740, 0.8900

Tritanomaly

232.2920, -6.6940, 0.1700

Monochromacy



Original Color

230.9900, -3.2080, -7.9440

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.8210, -1.0540, -2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.9900, -3.2080, -7.9440 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(223, 237, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 237, 221)  
}
```

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(223, 237, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 237, 221) }
```

Border

The CSS property to change the border of an element to YIQ 230.9900, -3.2080, -7.9440 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(223, 237, 221) }
```


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

```
.border{ border-color:rgb(223, 237, 221) }
```

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

Here you see how a box with a 4 pixel rgb(223, 237, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 237, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 237, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 237,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 230.9900, -3.2080, -7.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 237, 221) }
```

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

```
.background{ background-color: rgb(223,  
237, 221) }
```

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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