

Converting Colors

YIQ(230.1370, 8.8990, -23.6210)

Have a look what the booklet for
YIQ(230.1370, 8.8990, -23.6210)
contains.

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Color

**YIQ(230.1370, 8.8990,
-23.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F3B4
RGB	224, 243, 180
RGB Percent	88%, 95%, 71%
CMY	0.1217, 0.0470, 0.2940
CMYK	0.08, 0.00, 0.26, 0.05
HSL	78°, 72%, 83%
HSV	78°, 26%, 95%
XYZ	71.0271, 83.2459, 55.5160
YIQ	230.1370, 8.8990, -23.6210

Conversions

Conversions Part 2

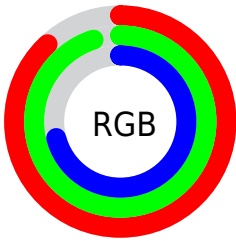
Format	Color
R_{YB}	180, 243, 199
Decimal	14742452
CIE _{Lab}	93.12, -16.62, 28.36
CIE _{LCh}	93, 32.875, 120.372
Yxy	83.2459, 0.3386, 0.3968
Android (android.graphics.Color)	4292932532 (0xFFE0F3B4)
YUV	230.1370, -24.7175, -5.3821
Hunter-Lab	91.2392, -20.7113, 27.7914

Details

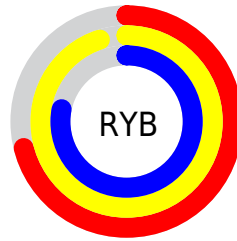
The YIQ color $230.1370, 8.8990, -23.6210$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $192.8630, -8.8990, 23.6210$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, 6.0990, -5.9090$, and $174.4790, 7.9360, -22.6880$ is the 20% darker color. If you saturate the color by 10%, you get $225.3080, 12.4310, -32.5690$, and if you desaturate by 10%, it is $234.9660, 5.3670, -14.6730$.

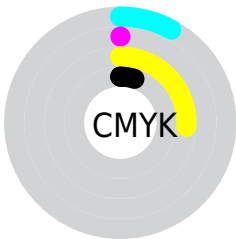
Distribution



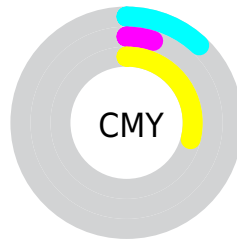
- Red (88%)
- Green (95%)
- Blue (71%)



- Red (71%)
- Yellow (95%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (26%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.1370, 8.8990, -23.6210 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 230.1370, 8.8990, -23.6210 by changing the saturation by 10% instead.

■ 230.1370, 8.8990,
-23.6210

■ 230.1370, 8.8990,
-23.6210

255.0000, -0.0000,
-0.0000

■ 202.2510, 8.5780,
-23.3100

■ 252.8340, 6.0990,
-5.9090

■ 174.4790, 7.9360,
-22.6880

■ 147.5930, 7.6150,
-22.3770

■ 121.8210, 6.9730,
-21.7550

■ 96.3480, 6.9270,
-20.9210

■ 72.5760, 6.2850,
-20.2990

■ 49.1630, 6.0100,

-20.8220

■ 29.1720, 1.7910,
-15.9450

■ 11.1530, -5.2250,
-9.9370

■ 230.1370, 8.8990,
-23.6210

■ 230.1370, 8.8990,
-23.6210

■ 225.3080, 12.4310,
-32.5690

■ 234.9660, 5.3670,
-14.6730

■ 220.0660, 15.6880,
-42.0400

■ 240.2080, 2.1100,
-5.2020

■ 215.2370, 19.2200,
-50.9880

■ 245.0370, -1.4220,
3.7460

■ 210.4080, 22.7520,
-59.9360

■ 247.3580, 2.1080,
5.8520

■ 205.2800, 25.6880,
-69.0960

■ 247.9560, 3.3000,
6.2760

■ 200.3370, 29.5410,
-78.3550

■ 195.5080, 33.0730,
-87.3030

■ 193.4710, 34.4950,
-91.0490

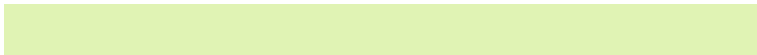
Harmonies

Analogous

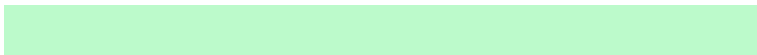
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.6240, 32.6930, -14.3070



230.1370, 8.8990, -23.6210



226.1040, -21.8650, -27.7610

Triad

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



230.1370, 8.8990, -23.6210



221.0020, -56.2080, -16.5920



227.5930, 17.9240, 16.5800

Complementary

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



230.1370, 8.8990, -23.6210



192.8630, -8.8990, 23.6210

Split Complementary

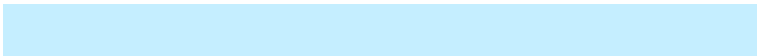
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.6940, 10.4500, 19.8740



230.1370, 8.8990, -23.6210



227.6790, -29.8930, -3.4050

Square

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



230.1370, 8.8990, -23.6210



219.1530, -67.1190, -22.5990



234.3780, -0.6440, 11.6760



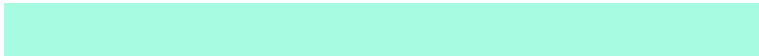
225.8200, 27.0500, 5.3700

Rectangle

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



230.1370, 8.8990, -23.6210



222.7950, -42.8640, -27.1520



234.3780, -0.6440, 11.6760



229.4340, 14.1180, 19.4780

Sweetspot

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



230.1370, 8.8990, -23.6210



250.9260, 2.8440, -7.4920



209.9900, 32.3230, 3.4190



125.3220, 1.7890, -4.8910



0.0000, 0.0000, 0.0000



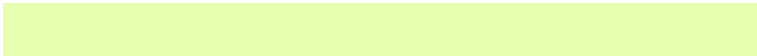
128.0000, -0.0000, -0.0000

Same Dimension

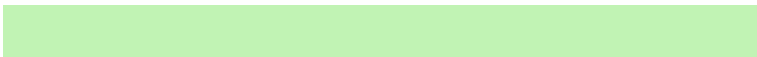
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.1370, 8.8990, -23.6210



238.8180, 11.0550, -29.6570



220.8680, -9.5770, -30.1930



119.7350, 2.0640, -4.3680



148.0520, 26.3300, -69.7180



46.8920, 8.2110, -22.1650

Inverse Universe

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



192.8630, -8.8990, 23.6210



192.1820, -11.0550, 29.6570



202.1320, 9.5770, 30.1930



112.5640, -1.4680, 4.5800



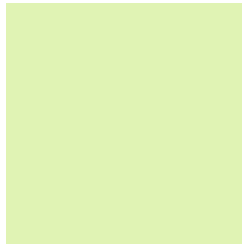
37.9480, -26.3300, 69.7180



12.1080, -8.2110, 22.1650

Previews

White Background



This preview shows how the YIQ color 230.1370, 8.8990, -23.6210 looks on a white background.

Color Contrast Check

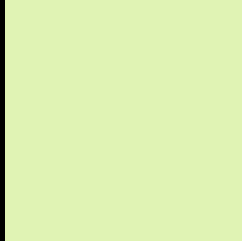
Large Text (above 18pt) WCAG AA × Fail

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 230.1370, 8.8990, -23.6210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

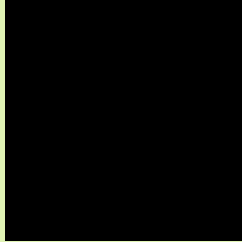
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

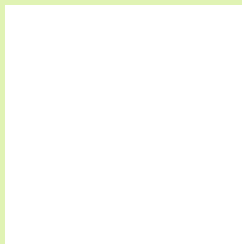
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.1370, 8.8990, -23.6210

Background



This preview shows how black text looks on a background with the YIQ color 230.1370, 8.8990, -23.6210.



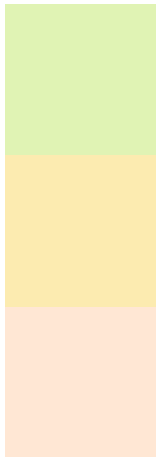
This preview shows how white text looks on a background with the YIQ color 230.1370, 8.8990,

-23.6210.

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

230.1370, 8.8990, -23.6210

Protanopia

233.3570, 29.0710, -14.7450

Deuteranopia

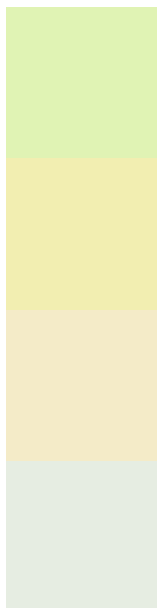
236.0100, 20.4030, -0.8210



Tritanopia

236.0520, -5.7780, 5.5980

Trichromacy



Original Color

230.1370, 8.8990, -23.6210

Protanomaly

232.2420, 21.9650, -18.1230

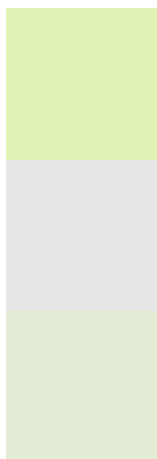
Deuteranomaly

233.7010, 16.5990, -8.9770

Tritanomaly

233.6530, -0.6410, -4.9050

Monochromacy



Original Color

230.1370, 8.8990, -23.6210

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.2850, 3.2110, -8.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.1370, 8.8990, -23.6210 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(224, 243, 180)` looks like.

```
.text, #text, p{  
    color:rgb(224, 243, 180)  
}
```

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(224, 243, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 243, 180) }
```

Border

The CSS property to change the border of an element to YIQ 230.1370, 8.8990, -23.6210 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(224, 243, 180) }
```


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

```
.border{ border-color:rgb(224, 243, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 243, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 243, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 243, 180);  
box-shadow:4px 4px 4px 4px rgb(224, 243,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 230.1370, 8.8990, -23.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 243, 180) }
```

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

```
.background{ background-color: rgb(224,  
243, 180) }
```

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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