

Converting Colors

YIQ(230.8420, 19.6750,
-31.6930)

Have a look what the booklet for
YIQ(230.8420, 19.6750, -31.6930)
contains.

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Color

**YIQ(230.8420, 19.6750,
-31.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F69B
RGB	230, 246, 155
RGB Percent	90%, 96%, 61%
CMY	0.0981, 0.0352, 0.3920
CMYK	0.07, 0.00, 0.37, 0.04
HSL	71°, 83%, 79%
HSV	71°, 37%, 96%
XYZ	71.5027, 85.1023, 43.6848
YIQ	230.8420, 19.6750, -31.6930

Conversions

Conversions Part 2

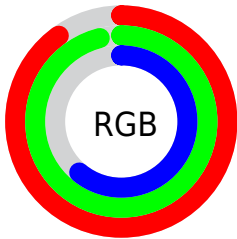
Format	Color
RYB	155, 246, 171
Decimal	15136411
CIELab	93.93, -19.08, 42.02
CIELCh	94, 46.150, 114.424
Yxy	85.1023, 0.3570, 0.4249
Android (android.graphics.Color)	4293326491 (0xFFE6F69B)
YUV	230.8420, -37.3901, -0.7384
Hunter-Lab	92.2509, -23.0857, 36.4992

Details

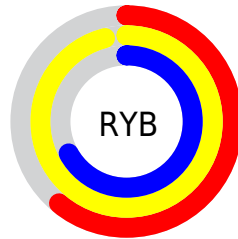
The YIQ color $230.8420, 19.6750, -31.6930$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $170.1580, -19.6750, 31.6930$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.8700, 14.4450, -13.9950$, and $174.8850, 18.1160, -30.9720$ is the 20% darker color. If you saturate the color by 10%, you get $226.7960, 25.3160, -40.3160$, and if you desaturate by 10%, it is $234.8880, 14.0340, -23.0700$.

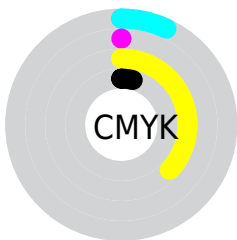
Distribution



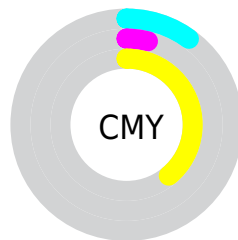
- Red (90%)
- Green (96%)
- Blue (61%)



- Red (61%)
- Yellow (96%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (37%)
- Black (4%)





- Cyan (10%)
- Magenta (4%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 230.8420, 19.6750, -31.6930 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 230.8420, 19.6750, -31.6930 by changing the saturation by 10% instead.


 230.8420, 19.6750,
-31.6930


 230.8420, 19.6750,
-31.6930


255.0000, -0.0000,
-0.0000


 202.6570, 18.7580,
-31.5940


 249.8700, 14.4450,
-13.9950


 174.8850, 18.1160,
-30.9720

 253.1760, 5.1360,
-4.9760

 148.1130, 17.4740,
-30.3500

 121.3410, 16.8320,
-29.7280

 96.0420, 16.2360,
-29.9400

 71.4010, 16.6030,
-31.0850

 50.1370, 8.8990,

-23.6210

■ 29.7480, 0.0490,
-17.4150

■ 12.9140, -6.0500,
-11.5060

■ 230.8420, 19.6750,
-31.6930

■ 230.8420, 19.6750,
-31.6930

■ 226.7960, 25.3160,
-40.3160

■ 234.8880, 14.0340,
-23.0700

■ 222.5650, 30.0400,
-48.8400

■ 239.1190, 9.3100,
-14.5460

■ 218.5190, 35.6810,
-57.4630

■ 243.1650, 3.6690,
-5.9230

■ 214.5870, 41.0010,
-65.7750

■ 247.0970, -1.6510,
2.3890

■ 210.2420, 46.0460,
-74.6100

■ 248.8200, 0.6870,
4.0710

■ 206.1960, 51.6870,
-83.2330

■ 249.7170, 2.4750,
4.7070

■ 205.0990, 53.3380,
-85.6220

Harmonies

Analogous

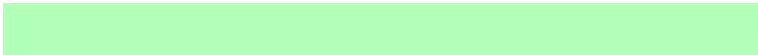
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.4150, 40.3510, -20.9370



230.8420, 19.6750, -31.6930



223.8830, -23.1010, -38.4050

Triad

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



230.8420, 19.6750, -31.6930



205.0670, -99.5320, -35.4040



224.2650, 16.2720, 24.4960

Complementary

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



230.8420, 19.6750, -31.6930



170.1580, -19.6750, 31.6930

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.



230.3460, 11.5500, 21.9660



230.8420, 19.6750, -31.6930



220.1380, -53.5950, -14.3870

Square

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



230.8420, 19.6750, -31.6930



199.3860, -110.8560, -39.4320



232.5620, -7.1540, 8.5100



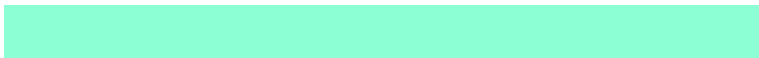
219.7220, 30.4420, 9.9780

Rectangle

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



230.8420, 19.6750, -31.6930



216.0120, -54.1410, -37.5410



232.5620, -7.1540, 8.5100



226.2370, 13.4750, 25.6270

Sweetspot

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



230.8420, 19.6750, -31.6930



250.3130, 6.0080, -9.7680



191.0140, 50.1110, 11.4470



125.1650, 3.6690, -5.9230



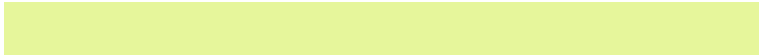
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

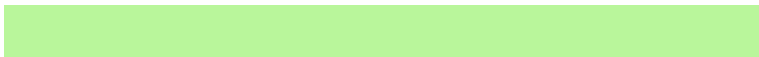
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.8420, 19.6750, -31.6930



236.2520, 24.0320, -39.0720



217.3870, -7.1450, -41.2330



120.0340, 2.6600, -4.1560



154.9290, 40.0380, -64.8420



48.9850, 12.3830, -20.6810

Inverse Universe

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



170.1580, -19.6750, 31.6930



161.7480, -24.0320, 39.0720



183.6130, 7.1450, 41.2330



111.9660, -2.6600, 4.1560



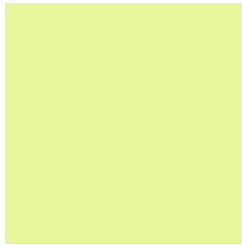
31.0710, -40.0380, 64.8420



9.7160, -12.9790, 20.4690

Previews

White Background



This preview shows how the YIQ color 230.8420, 19.6750, -31.6930 looks on a white background.

Color Contrast Check

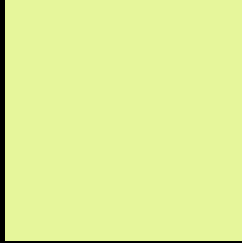
Large Text (above 18pt) WCAG AA × Fail

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 230.8420, 19.6750, -31.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

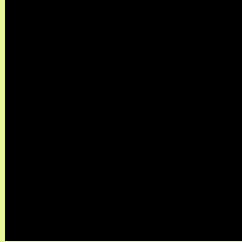
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

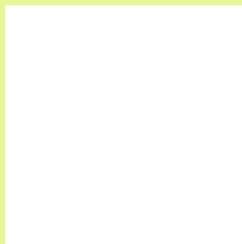
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.8420, 19.6750, -31.6930

Background



This preview shows how black text looks on a background with the YIQ color 230.8420, 19.6750, -31.6930.



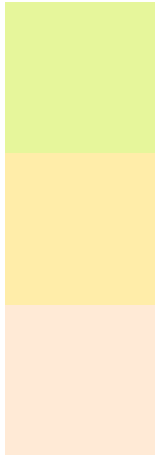
This preview shows how white text looks on a background with the YIQ color 230.8420, 19.6750,

-31.6930.

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

230.8420, 19.6750, -31.6930

Protanopia

234.6300, 32.5560, -17.3320

Deuteranopia

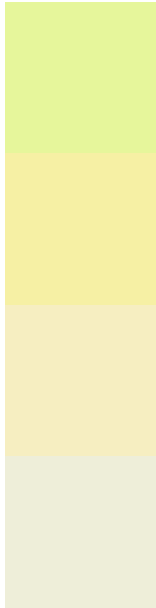
237.9990, 18.9360, -1.7680



Tritanopia

238.5580, -1.3310, 7.6050

Trichromacy



Original Color

230.8420, 19.6750, -31.6930

Protanomaly

233.1300, 27.9720, -22.3640

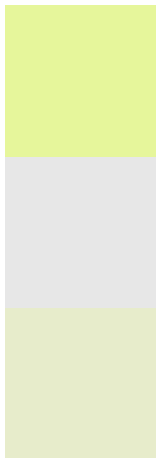
Deuteranomaly

235.2620, 19.2130, -12.2990

Tritanomaly

235.6060, 6.7410, -6.5310

Monochromacy



Original Color

230.8420, 19.6750, -31.6930

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.7430, 7.6130, -11.3230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.8420, 19.6750, -31.6930 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(230, 246, 155)` looks like.

```
.text, #text, p{  
    color:rgb(230, 246, 155)  
}
```

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(230, 246, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 246, 155) }
```

Border

The CSS property to change the border of an element to YIQ 230.8420, 19.6750, -31.6930 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(230, 246, 155) }
```


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

```
.border{ border-color:rgb(230, 246, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 246, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 246, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 246, 155);  
box-shadow:4px 4px 4px 4px rgb(230, 246,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 230.8420, 19.6750, -31.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 246, 155) }
```

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

```
.background{ background-color: rgb(230,  
246, 155) }
```

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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