

Converting Colors

YIQ(230.8330, 6.6990, -27.8050)

Have a look what the booklet for
YIQ(230.8330, 6.6990, -27.8050)
contains.

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Color

**YIQ(230.8330, 6.6990,
-27.8050)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DCF7B0 |
| RGB | 220, 247, 176 |
| RGB Percent | 86%, 97%, 69% |
| CMY | 0.1374, 0.0313, 0.3097 |
| CMYK | 0.11, 0.00, 0.29, 0.03 |
| HSL | 83°, 82%, 83% |
| HSV | 83°, 29%, 97% |
| XYZ | 70.6095, 84.8751, 53.7461 |
| YIQ | 230.8330, 6.6990, -27.8050 |

Conversions

Conversions Part 2

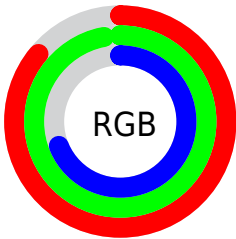
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 176, 247, 203 |
| Decimal | 14481328 |
| CIELab | 93.83, -20.56, 31.30 |
| CIELCh | 94, 37.449, 123.302 |
| Yxy | 84.8751, 0.3375, 0.4057 |
| Android (android.graphics.Color) | 4292671408 (0xFFDCF7B0) |
| YUV | 230.8330, -27.0327, -9.5005 |
| Hunter-Lab | 92.1277, -24.4155, 29.9004 |

Details

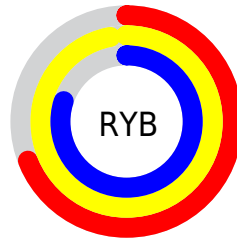
The YIQ color $230.8330, 6.6990, -27.8050$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $192.1670, -6.6990, 27.8050$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $175.1750, 5.7360, -26.8720$ is the 20% darker color. If you saturate the color by 10%, you get $225.2920, 9.3600, -37.4880$, and if you desaturate by 10%, it is $236.3740, 4.0380, -18.1220$.

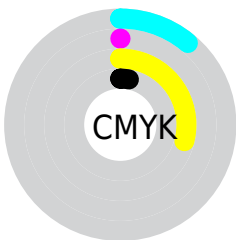
Distribution



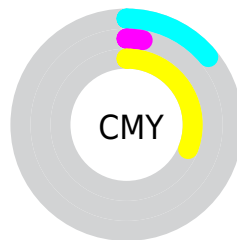
- Red (86%)
- Green (97%)
- Blue (69%)



- Red (69%)
- Yellow (97%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)




- Cyan (14%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.8330, 6.6990, -27.8050 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 230.8330, 6.6990, -27.8050 by changing the saturation by 10% instead.


 230.8330, 6.6990,
-27.8050


 230.8330, 6.6990,
-27.8050


255.0000, -0.0000,
-0.0000

 202.3600, 6.6530,
-26.9710


 252.3780, 7.3830,
-7.1530

 175.1750, 5.7360,
-26.8720

 147.8160, 5.3690,
-25.7270

 121.9300, 5.0480,
-25.4160

 97.0440, 4.7270,
-25.1050

 72.5710, 4.6810,
-24.2710

 49.0440, 4.7270,

-25.1050

■ 28.5520, -2.3350,
-18.2630

■ 12.9140, -6.0500,
-11.5060

■ 230.8330, 6.6990,
-27.8050

■ 230.8330, 6.6990,
-27.8050

■ 225.2920, 9.3600,
-37.4880

■ 236.3740, 4.0380,
-18.1220

■ 219.5660, 11.1040,
-47.0720

■ 242.1000, 2.2940,
-8.5380

■ 214.0250, 13.7650,
-56.7550

■ 247.6410, -0.3670,
1.1450

■ 208.1850, 15.8300,
-66.6500

■ 250.3040, 2.2000,
4.1840

■ 202.7580, 18.1700,
-76.0220

■ 197.2170, 20.8310,
-85.7050

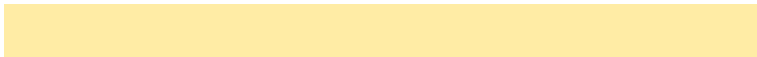
■ 191.3770, 22.8960,
-95.6000

■ 190.7360, 23.2630,
-96.7450

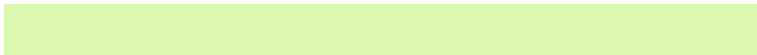
Harmonies

Analogous

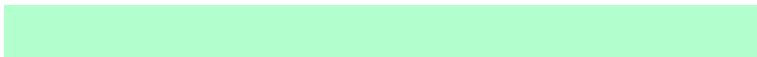
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.5870, 34.1150, -18.0530



230.8330, 6.6990, -27.8050



225.5760, -29.2460, -31.6620

Triad

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



230.8330, 6.6990, -27.8050



219.7730, -62.9930, -20.2810



226.3050, 18.7950, 17.3150

Complementary

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



230.8330, 6.6990, -27.8050



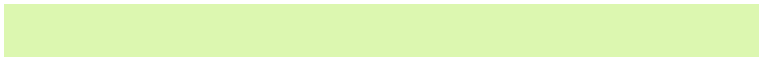
192.1670, -6.6990, 27.8050

Split Complementary

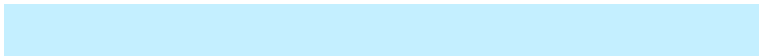
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.5200, 11.0000, 20.9200



230.8330, 6.6990, -27.8050



227.9670, -30.7640, -4.1400

Square

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



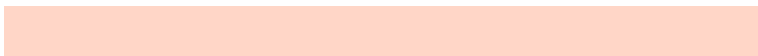
230.8330, 6.6990, -27.8050



215.5320, -78.6720, -27.9840



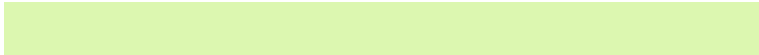
236.4710, 3.5280, 13.1600



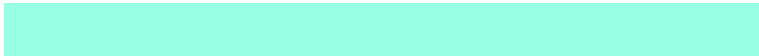
224.5490, 29.2510, 4.0270

Rectangle

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



230.8330, 6.6990, -27.8050



220.8260, -53.3170, -30.4450



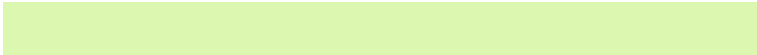
236.4710, 3.5280, 13.1600



228.2600, 14.6680, 20.5240

Sweetspot

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



230.8330, 6.6990, -27.8050



249.6870, 2.0190, -9.0610



212.4910, 35.1660, 1.4540



124.4960, 1.2390, -5.9370



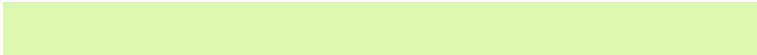
0.0000, 0.0000, 0.0000



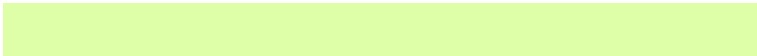
128.0000, -0.0000, -0.0000

Same Dimension

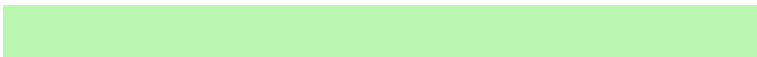
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.8330, 6.6990, -27.8050



235.2150, 8.2590, -34.0530



220.3680, -14.1610, -35.2250



119.4360, 1.4680, -4.5800



143.5670, 17.3900, -72.8980



45.3970, 5.2310, -23.2250

Inverse Universe

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



192.1670, -6.6990, 27.8050



187.7850, -8.2590, 34.0530



202.6320, 14.1610, 35.2250



112.8630, -0.8720, 4.7920



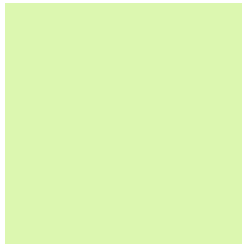
42.4330, -17.3900, 72.8980



13.3040, -5.8270, 23.0130

Previews

White Background



This preview shows how the YIQ color 230.8330, 6.6990, -27.8050 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 230.8330, 6.6990, -27.8050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

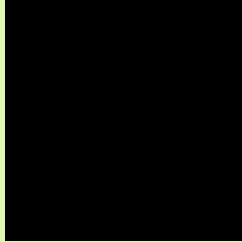
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

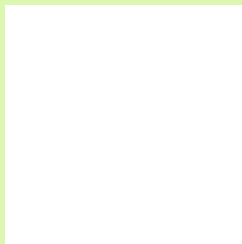
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.8330, 6.6990, -27.8050

Background



This preview shows how black text looks on a background with the YIQ color 230.8330, 6.6990, -27.8050.



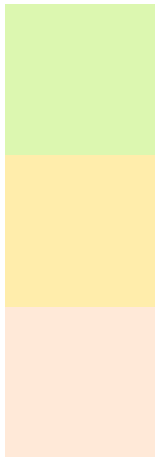
This preview shows how white text looks on a background with the YIQ color 230.8330, 6.6990, -27.8050.

-27.8050.

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

230.8330, 6.6990, -27.8050

Protanopia

234.8580, 31.9140, -16.7100

Deuteranopia

237.6400, 18.5690, -0.6230



Tritanopia

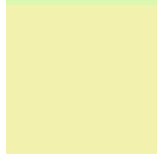
237.2580, -9.3540, 4.3260

Trichromacy



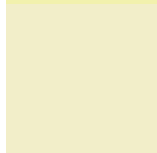
Original Color

230.8330, 6.6990, -27.8050



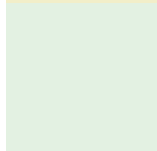
Protanomaly

233.5470, 22.4240, -20.9360



Deuteranomaly

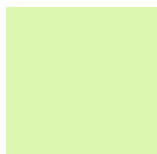
234.9780, 14.2610, -10.6590



Tritanomaly

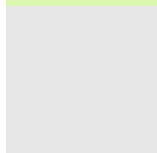
235.1040, -3.5290, -7.6330

Monochromacy



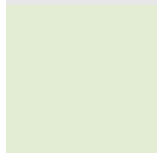
Original Color

230.8330, 6.6990, -27.8050



Achromatopsia

231.0000, -0.0000, -0.0000



Achromatomaly

231.0460, 2.3860, -10.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.8330, 6.6990, -27.8050 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(220, 247, 176)` looks like.

```
.text, #text, p{  
    color:rgb(220, 247, 176)  
}
```

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(220, 247, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 247, 176) }
```

Border

The CSS property to change the border of an element to YIQ 230.8330, 6.6990, -27.8050 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(220, 247, 176) }
```


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

```
.border{ border-color:rgb(220, 247, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 247, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 247, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 247, 176); box-shadow:4px 4px 4px 4px rgb(220, 247, 176) }
```

Background

The CSS property to change the background color of an element to YIQ 230.8330, 6.6990, -27.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 247, 176) }
```

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

```
.background{ background-color: rgb(220,  
247, 176) }
```

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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