

Converting Colors

YIQ(227.8650, 3.6730, -28.0310)

Have a look what the booklet for
YIQ(227.8650, 3.6730, -28.0310)
contains.

YIQ(227.8650, 3.6730, -28.0310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(227.8650, 3.6730,
-28.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F5B0
RGB	214, 245, 176
RGB Percent	84%, 96%, 69%
CMY	0.1609, 0.0391, 0.3097
CMYK	0.13, 0.00, 0.28, 0.04
HSL	87°, 78%, 83%
HSV	87°, 28%, 96%
XYZ	68.2174, 82.7395, 53.4582
YIQ	227.8650, 3.6730, -28.0310

Conversions

Conversions Part 2

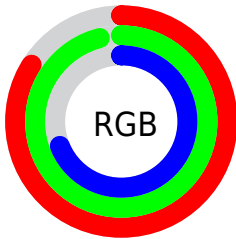
Format	Color
RYB	176, 245, 207
Decimal	14087600
CIELab	92.90, -21.73, 29.98
CIELCh	93, 37.028, 125.935
Yxy	82.7395, 0.3337, 0.4048
Android (android.graphics.Color)	4292277680 (0xFFD6F5B0)
YUV	227.8650, -25.5694, -12.1596
Hunter-Lab	90.9613, -25.3143, 28.8280

Details

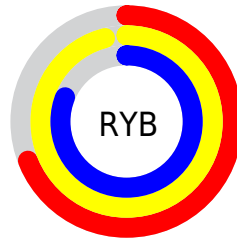
The YIQ color $227.8650, 3.6730, -28.0310$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $193.1350, -3.6730, 28.0310$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $172.5060, 3.3060, -26.8860$ is the 20% darker color. If you saturate the color by 10%, you get $221.8400, 4.8210, -37.8270$, and if you desaturate by 10%, it is $234.0040, 2.2040, -17.9240$.

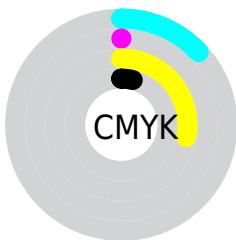
Distribution



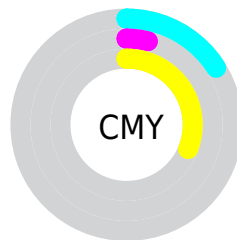
- Red (84%)
- Green (96%)
- Blue (69%)



- Red (69%)
- Yellow (96%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.8650, 3.6730, -28.0310 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 227.8650, 3.6730, -28.0310 by changing the saturation by 10% instead.

■ 227.8650, 3.6730,
-28.0310

■ 227.8650, 3.6730,
-28.0310

255.0000, -0.0000,
-0.0000

■ 199.9790, 3.3520,
-27.7200

■ 252.3780, 7.3830,
-7.1530

■ 172.5060, 3.3060,
-26.8860

■ 145.7340, 2.6640,
-26.2640

■ 119.2610, 2.6180,
-25.4300

■ 94.4890, 1.9760,
-24.8080

■ 70.0160, 1.9300,
-23.9740

■ 46.4890, 1.9760,

-24.8080

■ 26.4700, -5.0400,
-18.8000

■ 10.5660, -4.9500,
-9.4140

■ 227.8650, 3.6730,
-28.0310

■ 227.8650, 3.6730,
-28.0310

■ 221.8400, 4.8210,
-37.8270

■ 234.0040, 2.2040,
-17.9240

■ 215.7010, 6.2900,
-47.9340

■ 240.0290, 1.0560,
-8.1280

■ 209.6760, 7.4380,
-57.7300

■ 246.1680, -0.4130,
1.9790

■ 203.5370, 8.9070,
-67.8370

■ 249.1300, 2.7500,
5.2300

■ 197.5120, 10.0550,
-77.6330

■ 191.3730, 11.5240,
-87.7400

■ 185.3480, 12.6720,
-97.5360

■ 184.1800, 13.0850,
-99.5150

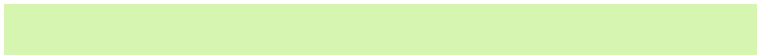
Harmonies

Analogous

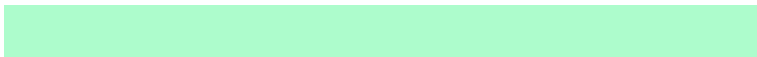
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.1740, 33.8400, -18.5760



227.8650, 3.6730, -28.0310



222.9070, -31.6760, -31.6760

Triad

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



227.8650, 3.6730, -28.0310



218.0230, -60.7010, -17.7650



224.4470, 21.2710, 16.4950

Complementary

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



227.8650, 3.6730, -28.0310



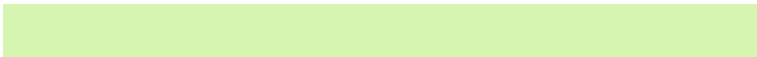
193.1350, -3.6730, 28.0310

Split Complementary

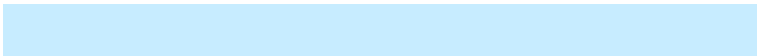
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.7590, 11.8250, 22.4890



227.8650, 3.6730, -28.0310



227.1030, -28.1510, -1.9350

Square

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



227.8650, 3.6730, -28.0310



214.0590, -78.7180, -27.1500



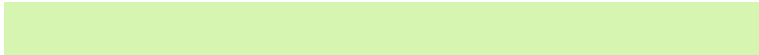
234.4220, 5.2240, 15.4640



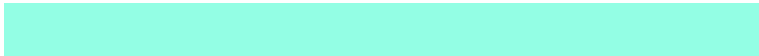
222.8050, 31.4060, 3.5180

Rectangle

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



227.8650, 3.6730, -28.0310



219.0430, -55.4260, -30.7700



234.4220, 5.2240, 15.4640



226.4020, 17.1440, 19.7040

Sweetspot

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



227.8650, 3.6730, -28.0310



250.0290, 1.0560, -8.1280



214.2410, 32.8740, -1.0620



124.7240, 0.5970, -5.3150



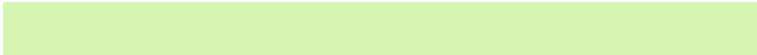
0.0000, 0.0000, 0.0000



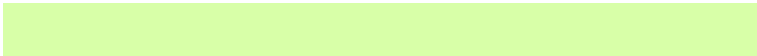
128.0000, -0.0000, -0.0000

Same Dimension

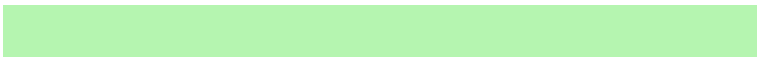
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.8650, 3.6730, -28.0310



233.4210, 4.6830, -35.3250



217.9980, -15.9950, -35.0270



119.1370, 0.8720, -4.7920



139.6800, 9.6420, -75.6540



44.2010, 2.8470, -24.0730

Inverse Universe

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



193.1350, -3.6730, 28.0310



189.5790, -4.6830, 35.3250



203.0020, 15.9950, 35.0270



113.1620, -0.2760, 5.0040



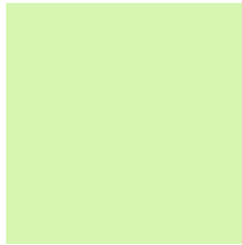
46.3200, -9.6420, 75.6540



14.5000, -3.4430, 23.8610

Previews

White Background



This preview shows how the YIQ color 227.8650, 3.6730, -28.0310 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 227.8650, 3.6730, -28.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

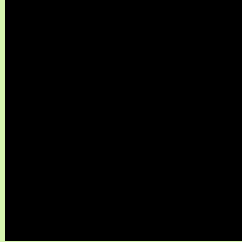
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.8650, 3.6730, -28.0310

Background



This preview shows how black text looks on a background with the YIQ color 227.8650, 3.6730, -28.0310.



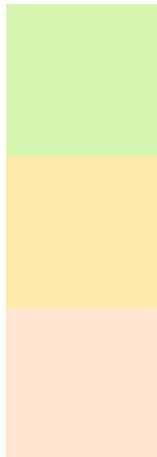
This preview shows how white text looks on a background with the YIQ color 227.8650, 3.6730, -28.0310.

-28.0310.

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

227.8650, 3.6730, -28.0310

Protanopia

232.2000, 30.9510, -15.7770

Deuteranopia

235.1950, 21.3200, -0.9200



Tritanopia

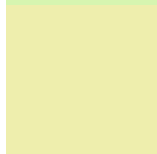
234.1760, -12.0590, 3.7890

Trichromacy



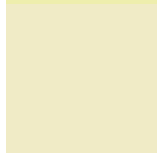
Original Color

227.8650, 3.6730, -28.0310



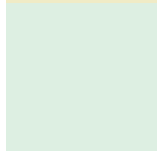
Protanomaly

230.5900, 20.8650, -20.2150



Deuteranomaly

232.2770, 14.8570, -10.4470



Tritanomaly

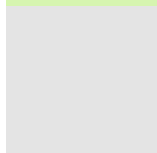
232.1360, -6.5550, -7.8590

Monochromacy



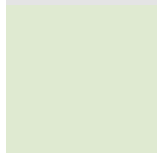
Original Color

227.8650, 3.6730, -28.0310



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

227.8610, 1.4690, -10.1070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.8650, 3.6730, -28.0310 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(214, 245, 176)` looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 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(214, 245, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 176) }
```

Border

The CSS property to change the border of an element to YIQ 227.8650, 3.6730, -28.0310 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(214, 245, 176) }
```


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

```
.border{ border-color:rgb(214, 245, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 245, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 176);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 227.8650, 3.6730, -28.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 176) }
```

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

```
.background{ background-color: rgb(214,  
245, 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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