

Converting Colors

YIQ(230.2810, 43.4240,
-27.0720)

Have a look what the booklet for
YIQ(230.2810, 43.4240, -27.0720)
contains.

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Color

**YIQ(230.2810, 43.4240,
-27.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEC88
RGB	255, 236, 136
RGB Percent	100%, 93%, 53%
CMY	0.0000, 0.0745, 0.4664
CMYK	0.00, 0.07, 0.47, 0.00
HSL	50°, 100%, 77%
HSV	50°, 47%, 100%
XYZ	75.6799, 83.0247, 35.3529
YIQ	230.2810, 43.4240, -27.0720

Conversions

Conversions Part 2

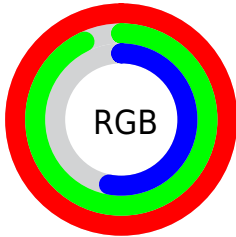
Format	Color
RYB	159, 255, 136
Decimal	16772232
CIELab	93.03, -6.51, 50.51
CIELCh	93, 50.929, 97.340
Yxy	83.0247, 0.3900, 0.4278
Android (android.graphics.Color)	4294962312 (0xFFFFEC88)
YUV	230.2810, -46.4805, 21.6786
Hunter-Lab	91.1179, -11.1993, 40.7786

Details

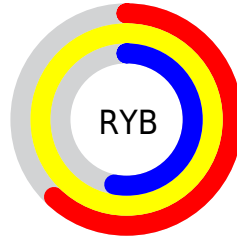
The YIQ color $230.2810, 43.4240, -27.0720$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $160.7190, -43.4240, 27.0720$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.7040, 20.5440, -19.9040$, and $173.7260, 40.6730, -26.7750$ is the 20% darker color. If you saturate the color by 10%, you get $225.0830, 52.5490, -32.7550$, and if you desaturate by 10%, it is $235.5930, 33.9780, -21.0780$.

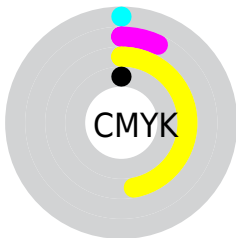
Distribution



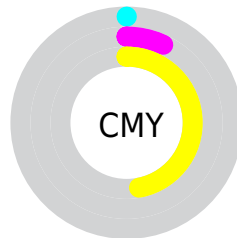
- Red (100%)
- Green (93%)
- Blue (53%)



- Red (62%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.2810, 43.4240, -27.0720 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 230.2810, 43.4240, -27.0720 by changing the saturation by 10% instead.

230.2810, 43.4240,
-27.0720

230.2810, 43.4240,
-27.0720

255.0000, -0.0000,
-0.0000

201.9110, 41.5900,
-26.8740

247.7040, 20.5440,
-19.9040

173.8400, 40.3520,
-26.4640

250.8960, 11.5560,
-11.1960

147.2420, 39.1600,
-26.8880

254.2020, 2.2470,
-2.1770

120.5300, 38.2890,
-27.6230

94.2480, 39.0230,
-29.9130

72.0870, 29.5310,
-23.0850

51.3990, 20.0850,

-17.0910

■ 31.0100, 11.2350,
-10.8850

■ 8.8050, -4.1250,
-7.8450

■ 230.2810, 43.4240,
-27.0720

■ 230.2810, 43.4240,
-27.0720

■ 225.0830, 52.5490,
-32.7550

■ 235.5930, 33.9780,
-21.0780

■ 219.7710, 61.9950,
-38.7490

■ 240.7910, 24.8530,
-15.3950

■ 214.5730, 71.1200,
-44.4320

■ 246.1030, 15.4070,
-9.4010

■ 209.2610, 80.5660,
-50.4260

■ 251.3010, 6.2820,
-3.7180

■ 204.0630, 89.6910, 255.0000, -0.0000,
-56.1090 -0.0000

■ 201.8630, 93.1300,
-57.8620

Harmonies

Analogous

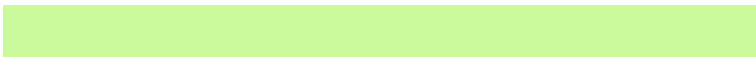
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.3280, 45.2100, -15.3820



230.2810, 43.4240, -27.0720



224.8180, 1.8870, -39.7210

Triad

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



230.2810, 43.4240, -27.0720



178.7550, -151.9800, -54.0600



223.8890, 14.5750, 27.7190

Complementary

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



230.2810, 43.4240, -27.0720



160.7190, -43.4240, 27.0720

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.



233.2810, 10.1750, 19.3510



230.2810, 43.4240, -27.0720



201.5340, -99.3490, -33.2130

Square

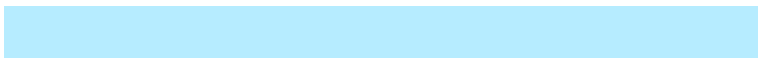
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.2810, 43.4240, -27.0720



195.0710, -114.5230, -44.5630



222.0200, -38.2830, -5.5390



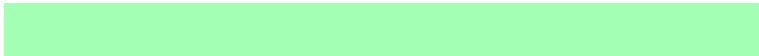
216.9470, 25.8550, 21.5270

Rectangle

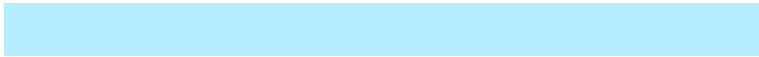
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.2810, 43.4240, -27.0720



218.6430, -31.3530, -43.0410



222.0200, -38.2830, -5.5390



226.2370, 13.4750, 25.6270

Sweetspot

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



230.2810, 43.4240, -27.0720



247.3740, 13.2060, -8.0580



173.8610, 64.5040, 31.4480



123.1440, 8.1620, -4.7500



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

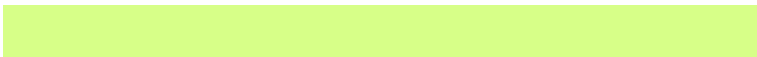
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.2810, 43.4240, -27.0720



225.1970, 52.2280, -32.4440



229.4740, 14.3590, -45.4890



124.7570, 4.9980, -2.4740



151.6160, 69.5610, -43.7110



50.8340, 23.2940, -14.6740

Inverse Universe

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



160.7190, -43.4240, 27.0720



141.8030, -52.2280, 32.4440



161.5260, -14.3590, 45.4890



117.6560, -4.7230, 2.9970



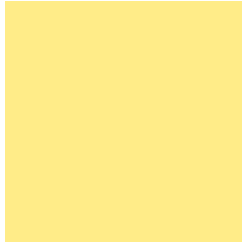
39.9710, -69.8360, 43.1880



13.1660, -23.2940, 14.6740

Previews

White Background



This preview shows how the YIQ color 230.2810, 43.4240, -27.0720 looks on a white background.

Color Contrast Check

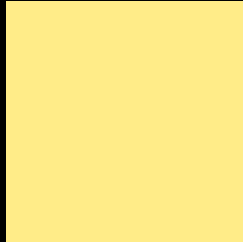
Large Text (above 18pt) WCAG AA × Fail

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 230.2810, 43.4240, -27.0720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

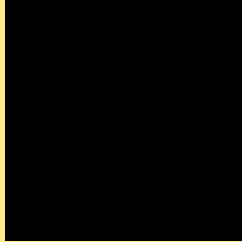
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.2810, 43.4240, -27.0720

Background



This preview shows how black text looks on a background with the YIQ color 230.2810, 43.4240, -27.0720.



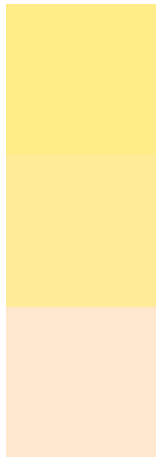
This preview shows how white text looks on a background with the YIQ color 230.2810, 43.4240, -27.0720.

-27.0720.

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

230.2810, 43.4240, -27.0720

Protanopia

231.5180, 38.5630, -21.5730

Deuteranopia

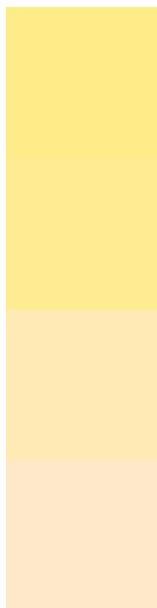
235.3260, 22.3290, -2.6870



Tritanopia

237.3270, 12.5610, 9.1450

Trichromacy



Original Color

230.2810, 43.4240, -27.0720

Protanomaly

230.8340, 40.4890, -23.4390

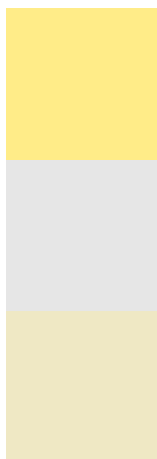
Deuteranomaly

233.6500, 29.8040, -11.5080

Tritanomaly

234.8700, 23.6130, -3.9310

Monochromacy



Original Color

230.2810, 43.4240, -27.0720

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.9890, 15.7280, -9.7120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.2810, 43.4240, -27.0720 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(255, 236, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 136)  
}
```

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(255, 236, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 136) }
```

Border

The CSS property to change the border of an element to YIQ 230.2810, 43.4240, -27.0720 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(255, 236, 136) }
```


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

```
.border{ border-color:rgb(255, 236, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 230.2810, 43.4240, -27.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 136) }
```

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

```
.background{ background-color: rgb(255,  
236, 136) }
```

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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