

Converting Colors

YIQ(227.2280, 7.3850, -18.2070)

Have a look what the booklet for
YIQ(227.2280, 7.3850, -18.2070)
contains.

YIQ(227.2280, 7.3850, -18.2070) 3
Conversions 4
Details 6
Harmonies 12
Previews 24
Color Blindness Simulation 28
CSS Examples 31

Color

**YIQ(227.2280, 7.3850,
-18.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEDBC
RGB	223, 237, 188
RGB Percent	87%, 93%, 74%
CMY	0.1256, 0.0705, 0.2627
CMYK	0.06, 0.00, 0.21, 0.07
HSL	77°, 58%, 83%
HSV	77°, 21%, 93%
XYZ	69.7912, 79.8887, 59.3283
YIQ	227.2280, 7.3850, -18.2070

Conversions

Conversions Part 2

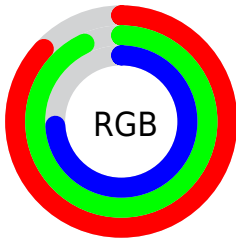
Format	Color
RYB	188, 237, 202
Decimal	14675388
CIELab	91.63, -12.86, 22.22
CIELCh	92, 25.675, 120.056
Yxy	79.8887, 0.3339, 0.3822
Android (android.graphics.Color)	4292865468 (0xFFDFEDBC)
YUV	227.2280, -19.3394, -3.7080
Hunter-Lab	89.3805, -17.0371, 23.2112

Details

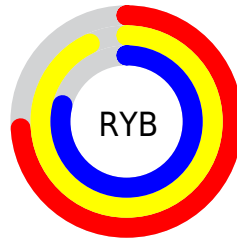
The YIQ color $227.2280, 7.3850, -18.2070$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $197.7720, -7.3850, 18.2070$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.7460, 3.5310, -3.4210$, and $171.8690, 7.0180, -17.0620$ is the 20% darker color. If you saturate the color by 10%, you get $222.3990, 10.9170, -27.1550$, and if you desaturate by 10%, it is $232.0570, 3.8530, -9.2590$.

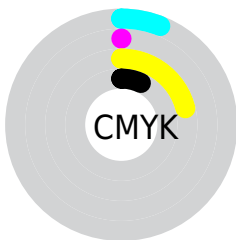
Distribution



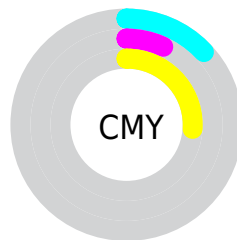
- Red (87%)
- Green (93%)
- Blue (74%)



- Red (74%)
- Yellow (93%)
- Blue (79%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.2280, 7.3850, -18.2070 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 227.2280, 7.3850, -18.2070 by changing the saturation by 10% instead.


 227.2280, 7.3850,
-18.2070


 227.2280, 7.3850,
-18.2070

255.0000, -0.0000,
-0.0000


 199.3420, 7.0640,
-17.8960


 253.7460, 3.5310,
-3.4210

 171.5700, 6.4220,
-17.2740

 144.9830, 6.6970,
-16.7510

 119.0970, 6.3760,
-16.4400

 94.3250, 5.7340,
-15.8180

 70.4390, 5.4130,
-15.5070

 47.6670, 4.7710,

-14.8850

■ 27.4220, 4.0830,
-13.4290

■ 6.4570, -3.0250,
-5.7530

■ 227.2280, 7.3850,
-18.2070

■ 227.2280, 7.3850,
-18.2070

■ 222.3990, 10.9170,
-27.1550

■ 232.0570, 3.8530,
-9.2590

■ 217.6840, 14.1280,
-35.7920

■ 236.7720, 0.6420,
-0.6220

■ 213.1540, 18.2560,
-44.5280

■ 240.8460, -2.2020,
6.8700

■ 208.3250, 21.7880,
-53.4760

■ 242.9390, 1.9700,
8.3540

■ 203.6100, 24.9990,
-62.1130

■ 244.4340, 4.9500,
9.4140

■ 198.7810, 28.5310,
-71.0610

■ 193.9520, 32.0630,
-80.0090

■ 189.6500, 35.5490,
-88.1230

Harmonies

Analogous

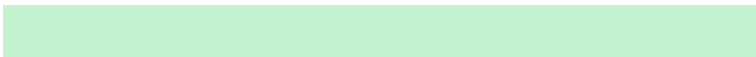
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.9210, 27.6030, -10.1650



227.2280, 7.3850, -18.2070



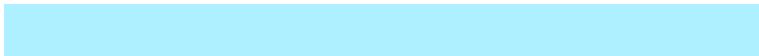
224.4300, -16.7310, -21.6830

Triad

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



227.2280, 7.3850, -18.2070



221.9760, -44.1510, -9.3270



228.3110, 18.6580, 14.2900

Complementary

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



227.2280, 7.3850, -18.2070



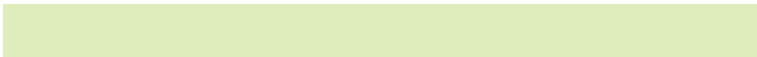
197.7720, -7.3850, 18.2070

Split Complementary

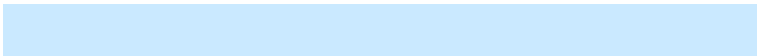
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.6940, 10.4500, 19.8740



227.2280, 7.3850, -18.2070



226.2390, -25.5380, 0.2700

Square

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



227.2280, 7.3850, -18.2070



221.0350, -51.8070, -13.7510



231.4100, -3.6700, 11.4500



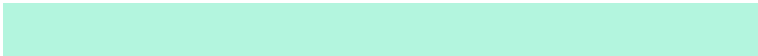
226.0480, 26.4080, 5.9920

Rectangle

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



227.2280, 7.3850, -18.2070



222.6440, -31.9530, -21.1450



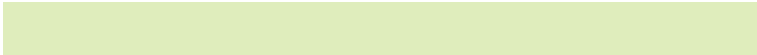
231.4100, -3.6700, 11.4500



229.2230, 16.0900, 16.7780

Sweetspot

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



227.2280, 7.3850, -18.2070



252.0940, 2.4310, -5.5130



210.8690, 25.3540, 3.0660



126.0770, 1.1010, -3.4350



0.0000, 0.0000, 0.0000



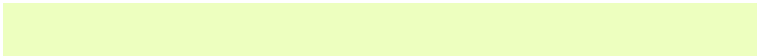
128.0000, -0.0000, -0.0000

Same Dimension

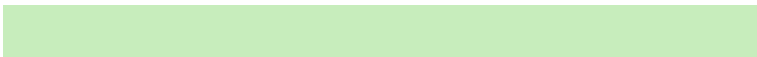
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.2280, 7.3850, -18.2070



242.3220, 9.8160, -23.7200



220.0520, -6.9190, -23.2950



114.8490, 1.7430, -4.0570



144.8180, 27.1090, -67.3150



43.0600, 7.7980, -20.1860

Inverse Universe

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



197.7720, -7.3850, 18.2070



203.9770, -9.2200, 23.9320



204.9480, 6.9190, 23.2950



108.1510, -1.7430, 4.0570



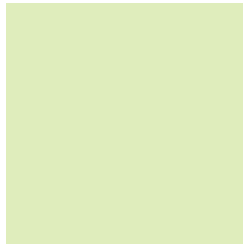
36.1820, -27.1090, 67.3150



10.6410, -8.3940, 19.9740

Previews

White Background



This preview shows how the YIQ color 227.2280, 7.3850, -18.2070 looks on a white background.

Color Contrast Check

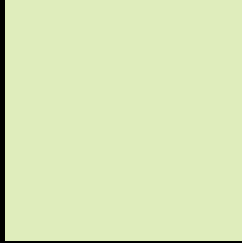
Large Text (above 18pt) WCAG AA × Fail

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 227.2280, 7.3850, -18.2070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

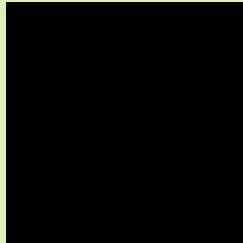
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

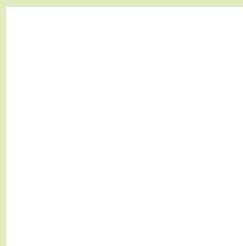
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 227.2280, 7.3850, -18.2070

Background



This preview shows how black text looks on a background with the YIQ color 227.2280, 7.3850, -18.2070.



This preview shows how white text looks on a background with the YIQ color 227.2280, 7.3850,

-18.2070.

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

227.2280, 7.3850, -18.2070

Protanopia

229.3550, 23.3850, -10.8150

Deuteranopia

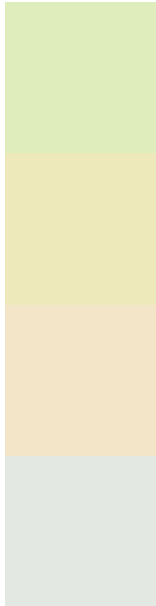
231.8040, 23.9790, 0.4510



Tritanopia

231.6500, -4.5860, 6.0220

Trichromacy



Original Color

227.2280, 7.3850, -18.2070

Protanomaly

228.8380, 17.4710, -13.7690

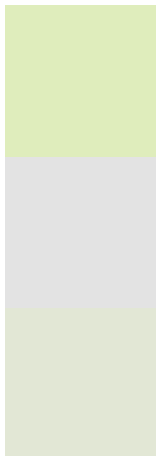
Deuteranomaly

229.7660, 17.9740, -6.3620

Tritanomaly

230.1200, -0.4580, -2.7140

Monochromacy



Original Color

227.2280, 7.3850, -18.2070

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.4530, 2.7980, -6.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.2280, 7.3850, -18.2070 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(223, 237, 188)` looks like.

```
.text, #text, p{  
    color:rgb(223, 237, 188)  
}
```

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(223, 237, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 237, 188) }
```

Border

The CSS property to change the border of an element to YIQ 227.2280, 7.3850, -18.2070 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(223, 237, 188) }
```


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

```
.border{ border-color:rgb(223, 237, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 237, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 237, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 237, 188);  
box-shadow:4px 4px 4px 4px rgb(223, 237,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 227.2280, 7.3850, -18.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 237, 188) }
```

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

```
.background{ background-color: rgb(223,  
237, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor