

Converting Colors

YIQ(230.0460, 19.5810,
-18.9710)

Have a look what the booklet for
YIQ(230.0460, 19.5810, -18.9710)
contains.

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Color

**YIQ(230.0460, 19.5810,
-18.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEDB0
RGB	237, 237, 176
RGB Percent	93%, 93%, 69%
CMY	0.0706, 0.0706, 0.3097
CMYK	0.00, 0.00, 0.26, 0.07
HSL	60°, 63%, 81%
HSV	60°, 26%, 93%
XYZ	73.0456, 81.7070, 53.0119
YIQ	230.0460, 19.5810, -18.9710

Conversions

Conversions Part 2

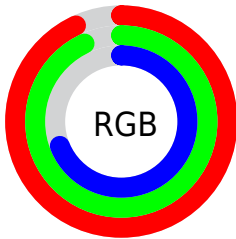
Format	Color
R _{YB}	176, 237, 176
Decimal	15592880
CIE Lab	92.45, -9.45, 29.64
CIE LCh	92, 31.106, 107.682
Yxy	81.7070, 0.3516, 0.3933
Android (android.graphics.Color)	4293782960 (0xFFEEDB0)
YUV	230.0460, -26.6447, 6.0987
Hunter-Lab	90.3919, -13.9402, 28.5027

Details

The YIQ color $230.0460, 19.5810, -18.9710$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $182.9540, -19.5810, 18.9710$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $174.0890, 18.0220, -18.2500$ is the 20% darker color. If you saturate the color by 10%, you get $227.3100, 27.2850, -26.4350$, and if you desaturate by 10%, it is $232.7820, 11.8770, -11.5070$.

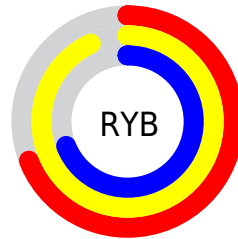
Distribution



Red (93%)

Green (93%)

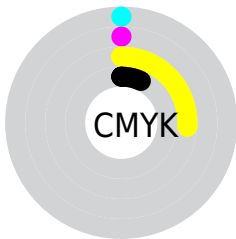
Blue (69%)



Red (69%)

Yellow (93%)

Blue (69%)

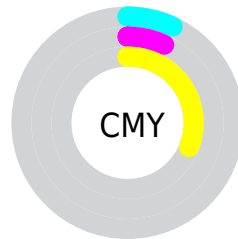


Cyan (0%)

Magenta (0%)

Yellow (26%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.0460, 19.5810, -18.9710 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 230.0460, 19.5810, -18.9710 by changing the saturation by 10% instead.

■ 230.0460, 19.5810,
-18.9710

■ 230.0460, 19.5810,
-18.9710

255.0000, -0.0000,
-0.0000

■ 201.8610, 18.6640,
-18.8720

■ 252.3780, 7.3830,
-7.1530

■ 174.0890, 18.0220,
-18.2500

■ 147.3170, 17.3800,
-17.6280

■ 121.4310, 17.0590,
-17.3170

■ 96.3600, 15.8210,
-16.9070

■ 72.1750, 14.9040,
-16.8080

■ 49.3490, 14.3540,

-17.8540

■ 29.5150, 8.2550,
-11.9450

■ 8.8050, -4.1250,
-7.8450

■ 230.0460, 19.5810,
-18.9710

■ 230.0460, 19.5810,
-18.9710

■ 227.3100, 27.2850,
-26.4350

■ 232.7820, 11.8770,
-11.5070

■ 224.6880, 34.6680,
-33.5880

■ 235.4040, 4.4940,
-4.3540

■ 221.9520, 42.3720,
-41.0520

■ 238.1400, -3.2100,
3.1100

■ 219.2160, 50.0760,
-48.5160

■ 239.0520, -5.7780,
5.5980

■ 216.5940, 57.4590,
-55.6690

■ 213.8580, 65.1630,
-63.1330

■ 211.1220, 72.8670,
-70.5970

■ 209.9820, 76.0770,
-73.7070

Harmonies

Analogous

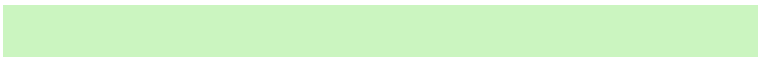
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.4440, 33.3800, -10.2360



230.0460, 19.5810, -18.9710



226.4000, -8.0190, -25.3870

Triad

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



230.0460, 19.5810, -18.9710



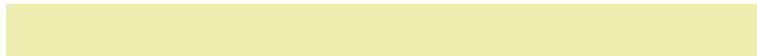
219.2080, -59.7840, -17.8640



229.4340, 14.1180, 19.4780

Complementary

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



230.0460, 19.5810, -18.9710



182.9540, -19.5810, 18.9710

Split Complementary

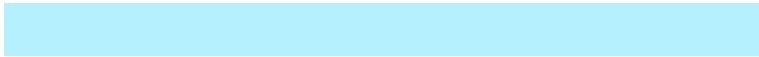
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.4550, 9.6250, 18.3050



230.0460, 19.5810, -18.9710



223.7700, -40.5750, -8.0550

Square

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



230.0460, 19.5810, -18.9710



219.5020, -60.7920, -21.6240



230.1590, -13.3890, 5.8670



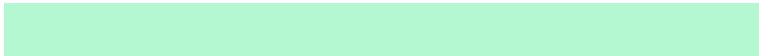
225.3130, 24.3440, 10.3600

Rectangle

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



230.0460, 19.5810, -18.9710



223.3360, -28.3300, -26.2340



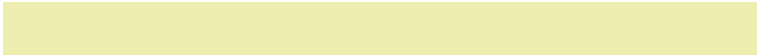
230.1590, -13.3890, 5.8670



231.5200, 11.0000, 20.9200

Sweetspot

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



230.0460, 19.5810, -18.9710



252.7200, 6.4200, -6.2200



194.2390, 36.3560, 12.9320



126.2190, 3.5770, -4.2550



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

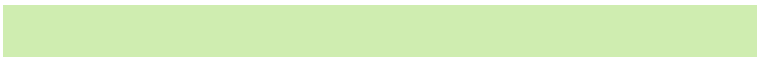
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.0460, 19.5810, -18.9710



245.9940, 25.3590, -24.5690



221.0760, 1.7010, -25.3310



115.7460, 3.5310, -3.4210



160.3660, 58.1010, -56.2910



47.8440, 17.3340, -16.7940

Inverse Universe

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



182.9540, -19.5810, 18.9710



185.0060, -25.3590, 24.5690



192.2230, -1.1050, 25.5430



107.2540, -3.5310, 3.4210



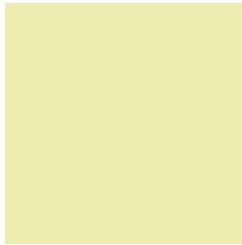
20.6340, -58.1010, 56.2910



6.1560, -17.3340, 16.7940

Previews

White Background



This preview shows how the YIQ color 230.0460, 19.5810, -18.9710 looks on a white background.

Color Contrast Check

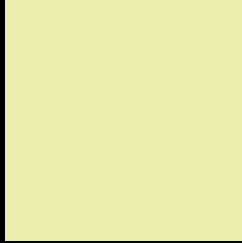
Large Text (above 18pt) WCAG AA × Fail

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 230.0460, 19.5810, -18.9710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

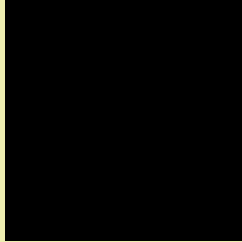
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

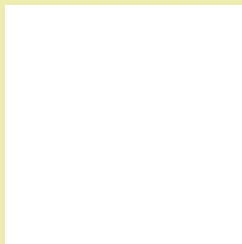
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.0460, 19.5810, -18.9710

Background



This preview shows how black text looks on a background with the YIQ color 230.0460, 19.5810, -18.9710.



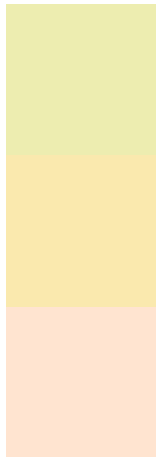
This preview shows how white text looks on a background with the YIQ color 230.0460, 19.5810, -18.9710.

-18.9710.

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

230.0460, 19.5810, -18.9710

Protanopia

231.3570, 29.0710, -14.7450

Deuteranopia

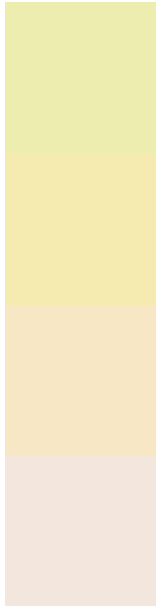
233.7930, 22.5120, -0.4960



Tritanopia

235.4340, 4.9500, 9.4140

Trichromacy



Original Color

230.0460, 19.5810, -18.9710

Protanomaly

230.5630, 25.4950, -16.0170

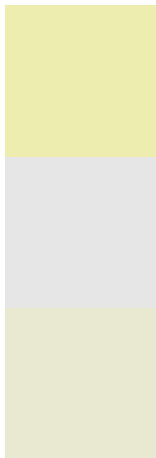
Deuteranomaly

232.0930, 21.3670, -7.2810

Tritanomaly

233.4480, 10.3620, -0.5660

Monochromacy



Original Color

230.0460, 19.5810, -18.9710

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.3780, 7.3830, -7.1530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.0460, 19.5810, -18.9710 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(237, 237, 176)` looks like.

```
.text, #text, p{  
    color:rgb(237, 237, 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(237, 237, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 237, 176) }
```

Border

The CSS property to change the border of an element to YIQ 230.0460, 19.5810, -18.9710 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(237, 237, 176) }
```


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

```
.border{ border-color:rgb(237, 237, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 237, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 237, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 237, 176); box-shadow:4px 4px 4px 4px rgb(237, 237, 176) }
```

Background

The CSS property to change the background color of an element to YIQ 230.0460, 19.5810, -18.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 237, 176) }
```

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

```
.background{ background-color: rgb(237,  
237, 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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