

Converting Colors

YIQ(236.0770, 18.2960,
-12.2000)

Have a look what the booklet for
YIQ(236.0770, 18.2960, -12.2000)
contains.

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Color

**YIQ(236.0770, 18.2960,
-12.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EFC3
RGB	246, 239, 195
RGB Percent	96%, 94%, 76%
CMY	0.0353, 0.0627, 0.2352
CMYK	0.00, 0.03, 0.21, 0.04
HSL	52°, 74%, 86%
HSV	52°, 21%, 96%
XYZ	78.7241, 85.2649, 63.9545
YIQ	236.0770, 18.2960, -12.2000

Conversions

Conversions Part 2

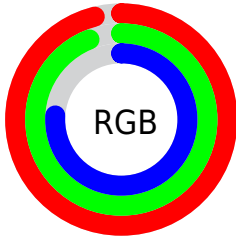
Format	Color
R _Y B	203, 246, 195
Decimal	16183235
CIE Lab	94.00, -4.56, 22.16
CIE LCh	94, 22.621, 101.639
Yxy	85.2649, 0.3454, 0.3741
Android (android.graphics.Color)	4294373315 (0xFFFF6EFC3)
YUV	236.0770, -20.2510, 8.7025
Hunter-Lab	92.3390, -9.4122, 23.5727

Details

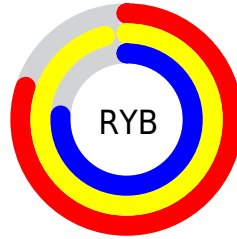
The YIQ color $236.0770, 18.2960, -12.2000$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $204.9230, -18.2960, 12.2000$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $180.0060, 17.0580, -11.7900$ is the 20% darker color. If you saturate the color by 10%, you get $231.4660, 27.1460, -18.4060$, and if you desaturate by 10%, it is $240.6880, 9.4460, -5.9940$.

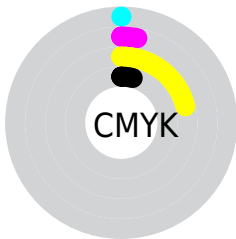
Distribution



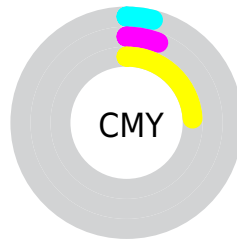
- Red (96%)
- Green (94%)
- Blue (76%)



- Red (80%)
- Yellow (96%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.0770, 18.2960, -12.2000 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 236.0770, 18.2960, -12.2000 by changing the saturation by 10% instead.

■ 236.0770, 18.2960,
-12.2000

■ 236.0770, 18.2960,
-12.2000

255.0000, -0.0000,
-0.0000

■ 207.8920, 17.3790,
-12.1010

254.6580, 0.9630,
-0.9330

■ 180.0060, 17.0580,
-11.7900

■ 153.1200, 16.7370,
-11.4790

■ 127.0490, 15.4990,
-11.0690

■ 102.1630, 15.1780,
-10.7580

■ 77.9780, 14.2610,
-10.6590

■ 54.9070, 13.0230,

-10.2490

■ 33.3800, 13.0690,
-11.0830

■ 12.6810, 2.1560,
-6.0360

■ 236.0770, 18.2960,
-12.2000

■ 236.0770, 18.2960,
-12.2000

■ 231.4660, 27.1460,
-18.4060

■ 240.6880, 9.4460,
-5.9940

■ 226.3820, 35.9500,
-23.7780

■ 245.7720, 0.6420,
-0.6220

■ 221.7710, 44.8000,
-29.9840

■ 248.7870, -3.7140,
1.2300

■ 216.6870, 53.6040,
-35.3560

■ 251.1350, -4.8140,
-0.8620

■ 212.0760, 62.4540,
-41.5620

■ 252.3090, -5.3640,
-1.9080

■ 207.4650, 71.3040,
-47.7680

■ 202.3810, 80.1080,
-53.1400

■ 197.9980, 88.3160,
-58.7240

Harmonies

Analogous

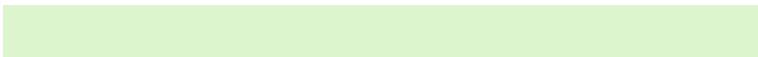
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.8870, 24.9430, -6.0090



236.0770, 18.2960, -12.2000



233.2640, -1.4640, -17.5280

Triad

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



236.0770, 18.2960, -12.2000



229.3520, -42.4540, -12.5500



236.4610, 9.4880, 15.2800

Complementary

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



236.0770, 18.2960, -12.2000



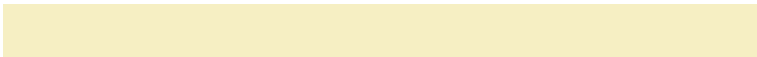
204.9230, -18.2960, 12.2000

Split Complementary

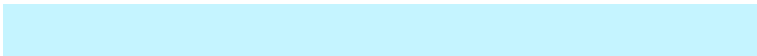
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.8410, 5.3620, 12.9620



236.0770, 18.2960, -12.2000



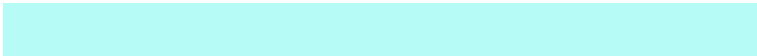
231.2010, -31.5430, -6.5430

Square

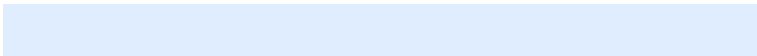
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.0770, 18.2960, -12.2000



229.7990, -39.5190, -16.1830



235.1650, -13.5260, 2.8420



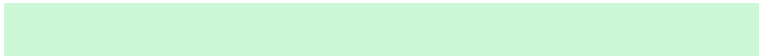
233.3660, 16.8250, 8.9610

Rectangle

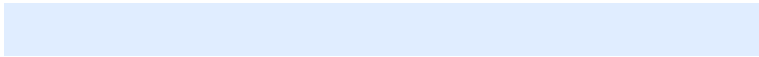
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.0770, 18.2960, -12.2000



231.4950, -15.3560, -19.0680



235.1650, -13.5260, 2.8420



237.3900, 8.2500, 15.6900

Sweetspot

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



236.0770, 18.2960, -12.2000



252.1160, 5.3650, -3.6190



211.1610, 27.8280, 13.3000



125.8000, 3.4390, -1.7530



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

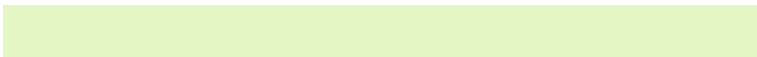
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.0770, 18.2960, -12.2000



242.4210, 23.0190, -15.1970



234.8040, 5.6430, -19.6770



120.0450, 4.1270, -3.2090



150.1210, 66.5810, -44.7710



47.5780, 21.1390, -14.1650

Inverse Universe

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



204.9230, -18.2960, 12.2000



203.5790, -23.0190, 15.1970



206.1960, -5.6430, 19.6770



112.5420, -4.4020, 2.6860



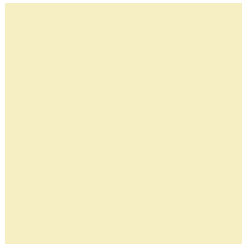
36.4660, -66.8560, 44.2480



11.4220, -21.1390, 14.1650

Previews

White Background



This preview shows how the YIQ color 236.0770, 18.2960, -12.2000 looks on a white background.

Color Contrast Check

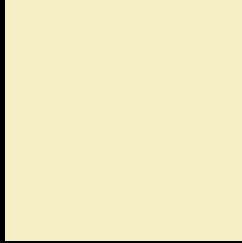
Large Text (above 18pt) WCAG AA × Fail

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 236.0770, 18.2960, -12.2000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

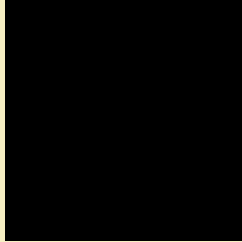
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

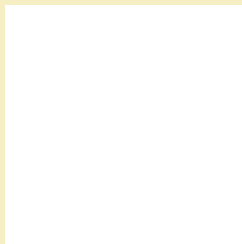
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.0770, 18.2960, -12.2000

Background



This preview shows how black text looks on a background with the YIQ color 236.0770, 18.2960, -12.2000.



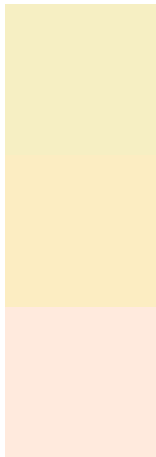
This preview shows how white text looks on a background with the YIQ color 236.0770, 18.2960,

-12.2000.

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

236.0770, 18.2960, -12.2000

Protanopia

236.5830, 22.7430, -10.1930

Deuteranopia

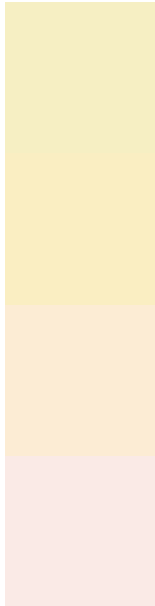
238.7970, 16.6890, 0.4090



Tritanopia

239.7440, 7.0130, 10.5730

Trichromacy



Original Color

236.0770, 18.2960, -12.2000

Protanomaly

236.5720, 21.2760, -11.1400

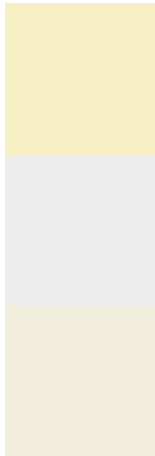
Deuteranomaly

238.0480, 17.2400, -4.0720

Tritanomaly

238.3280, 10.8200, 2.1480

Monochromacy



Original Color

236.0770, 18.2960, -12.2000

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.0770, 18.2960, -12.2000 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(246, 239, 195)` looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 195)  
}
```

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(246, 239, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 195) }
```

Border

The CSS property to change the border of an element to YIQ 236.0770, 18.2960, -12.2000 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(246, 239, 195) }
```


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

```
.border{ border-color:rgb(246, 239, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 239, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 195);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 236.0770, 18.2960, -12.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 195) }
```

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

```
.background{ background-color: rgb(246,  
239, 195) }
```

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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