

Converting Colors

YIQ(236.7000, 9.1720, -12.0440)

Have a look what the booklet for
YIQ(236.7000, 9.1720, -12.0440)
contains.

YIQ(236.7000, 9.1720, -12.0440)	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(236.7000, 9.1720,
-12.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF2CE
RGB	238, 242, 206
RGB Percent	93%, 95%, 81%
CMY	0.0667, 0.0510, 0.1921
CMYK	0.02, 0.00, 0.15, 0.05
HSL	67°, 58%, 88%
HSV	67°, 15%, 95%
XYZ	78.1523, 86.1380, 70.9102
YIQ	236.7000, 9.1720, -12.0440

Conversions

Conversions Part 2

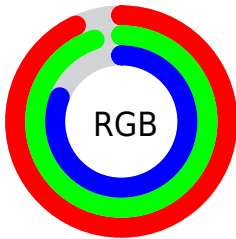
Format	Color
R _Y B	206, 242, 210
Decimal	15659726
CIE Lab	94.37, -7.32, 16.94
CIE LCh	94, 18.449, 113.362
Yxy	86.1380, 0.3323, 0.3662
Android (android.graphics.Color)	4293849806 (0xFFEEF2CE)
YUV	236.7000, -15.1351, 1.1401
Hunter-Lab	92.8105, -12.1102, 19.6679

Details

The YIQ color $236.7000, 9.1720, -12.0440$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $211.3000, -9.1720, 12.0440$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.9280, 8.5300, -11.4220$ is the 20% darker color. If you saturate the color by 10%, you get $233.0670, 15.0880, -20.1440$, and if you desaturate by 10%, it is $240.3330, 3.2560, -3.9440$.

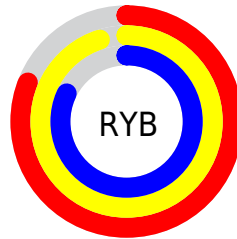
Distribution



Red (93%)

Green (95%)

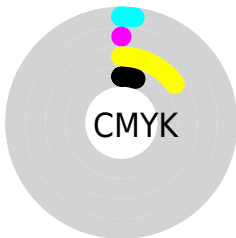
Blue (81%)



Red (81%)

Yellow (95%)

Blue (82%)

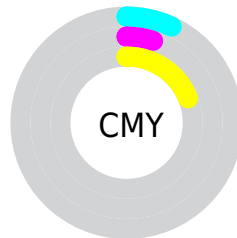


Cyan (2%)

Magenta (0%)

Yellow (15%)

Black (5%)



Cyan (7%)

Magenta (5%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.7000, 9.1720, -12.0440 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 236.7000, 9.1720, -12.0440 by changing the saturation by 10% instead.

■ 236.7000, 9.1720,
-12.0440

■ 236.7000, 9.1720,
-12.0440

255.0000, -0.0000,
-0.0000

■ 208.7000, 9.1720,
-12.0440

■ 180.9280, 8.5300,
-11.4220

■ 154.0420, 8.2090,
-11.1110

■ 128.1560, 7.8880,
-10.8000

■ 102.9710, 6.9710,
-10.7010

■ 78.4980, 6.9250,
-9.8670

■ 55.6120, 6.6040,

-9.5560

■ 34.1990, 6.3290,
-10.0790

■ 12.9470, -1.6490,
-8.6650

■ 236.7000, 9.1720,
-12.0440

■ 236.7000, 9.1720,
-12.0440

■ 233.0670, 15.0880,
-20.1440

■ 240.3330, 3.2560,
-3.9440

■ 229.7330, 21.6000,
-28.0320

■ 243.6670, -3.2560,
3.9440

■ 225.9860, 27.8370,
-36.4430

■ 244.6780, -1.7890,
4.8910

■ 222.3530, 33.7530,
-44.5430

■ 245.5750, -0.0010,
5.5270

■ 218.7200, 39.6690,
-52.6430

■ 246.1730, 1.1910,
5.9510

■ 215.3860, 46.1810,
-60.5310

■ 247.0700, 2.9790,
6.5870

■ 211.7530, 52.0970,
-68.6310

■ 247.3690, 3.5750,
6.7990

■ 208.0060, 58.3340,
-77.0420

■ 206.3390, 61.5900,
-80.9860

Harmonies

Analogous

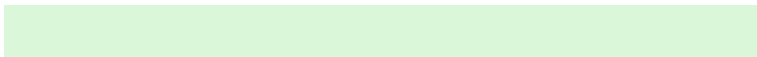
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.0330, 21.5960, -5.9240



236.7000, 9.1720, -12.0440



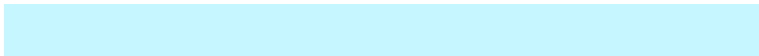
234.9090, -7.6540, -15.4780

Triad

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



236.7000, 9.1720, -12.0440



232.6740, -31.4970, -7.3770



237.1960, 11.5520, 10.9120

Complementary

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



236.7000, 9.1720, -12.0440



211.3000, -9.1720, 12.0440

Split Complementary

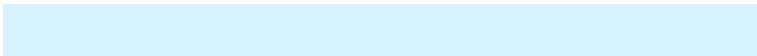
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.3250, 6.8750, 13.0750



236.7000, 9.1720, -12.0440



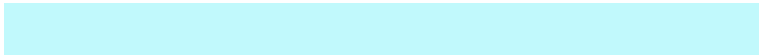
235.4090, -20.2650, -1.6810

Square

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



236.7000, 9.1720, -12.0440



232.5980, -34.3390, -10.9390



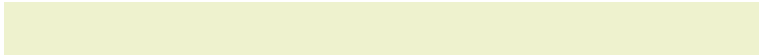
238.4650, -5.5030, 6.1210



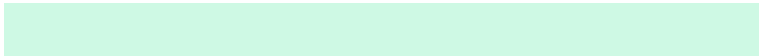
235.1440, 17.3300, 5.3140

Rectangle

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



236.7000, 9.1720, -12.0440



233.7490, -18.8870, -15.6470



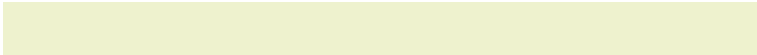
238.4650, -5.5030, 6.1210



238.4670, 9.3510, 12.2550

Sweetspot

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



236.7000, 9.1720, -12.0440



253.5610, 2.6140, -3.3220



219.1120, 20.3560, 5.5400



126.9030, 1.6510, -2.3890



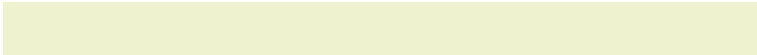
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

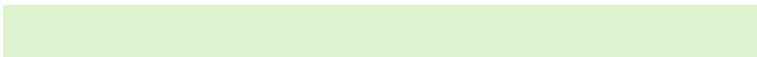
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.7000, 9.1720, -12.0440



248.2610, 11.7860, -15.3660



231.3180, -1.5560, -15.8600



118.3330, 3.2560, -3.9440



156.7450, 46.5480, -61.6760



47.8220, 14.4000, -18.6880

Inverse Universe

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



211.3000, -9.1720, 12.0440



215.7390, -11.7860, 15.3660



216.6820, 1.5560, 15.8600



109.6670, -3.2560, 3.9440



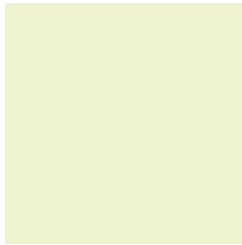
26.9560, -47.1440, 61.4640



8.1780, -14.4000, 18.6880

Previews

White Background



This preview shows how the YIQ color 236.7000, 9.1720, -12.0440 looks on a white background.

Color Contrast Check

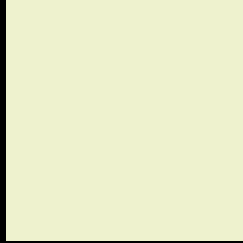
Large Text (above 18pt) WCAG AA × Fail

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 236.7000, 9.1720, -12.0440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

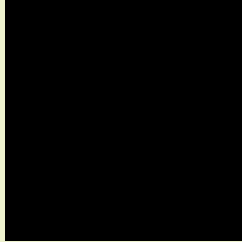
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

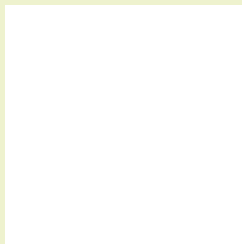
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.7000, 9.1720, -12.0440

Background



This preview shows how black text looks on a background with the YIQ color 236.7000, 9.1720, -12.0440.



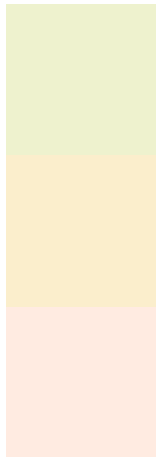
This preview shows how white text looks on a background with the YIQ color 236.7000, 9.1720, -12.0440.

-12.0440.

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

236.7000, 9.1720, -12.0440

Protanopia

238.0110, 18.6620, -7.8180

Deuteranopia

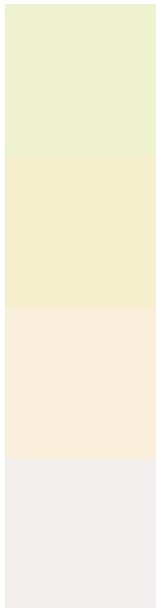
239.8400, 15.1300, 1.1300



Tritanopia

240.1560, -0.1390, 8.0290

Trichromacy



Original Color

236.7000, 9.1720, -12.0440

Protanomaly

237.2170, 15.0860, -9.0900

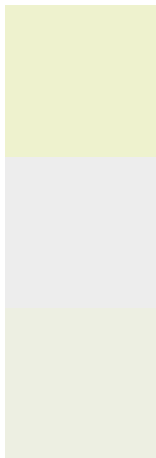
Deuteranomaly

239.0090, 12.9760, -3.8880

Tritanomaly

239.0820, 2.7050, 0.5370

Monochromacy



Original Color

236.7000, 9.1720, -12.0440

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

236.9200, 2.9810, -4.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.7000, 9.1720, -12.0440 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(238, 242, 206)` looks like.

```
.text, #text, p{  
    color:rgb(238, 242, 206)  
}
```

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(238, 242, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 242, 206) }
```

Border

The CSS property to change the border of an element to YIQ 236.7000, 9.1720, -12.0440 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(238, 242, 206) }
```


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

```
.border{ border-color:rgb(238, 242, 206) }
```

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

Here you see how a box with a 4 pixel rgb(238, 242, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 242, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 242, 206);  
box-shadow:4px 4px 4px 4px rgb(238, 242,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 236.7000, 9.1720, -12.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 242, 206) }
```

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

```
.background{ background-color: rgb(238,  
242, 206) }
```

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