

Converting Colors

YIQ(238.9740, 12.0570, 7.2650)

Have a look what the booklet for
YIQ(238.9740, 12.0570, 7.2650)
contains.

YIQ(238.9740, 12.0570, 7.2650)	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(238.9740, 12.0570,
7.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7EE
RGB	255, 231, 238
RGB Percent	100%, 91%, 93%
CMY	0.0000, 0.0941, 0.0666
CMYK	0.00, 0.09, 0.07, 0.00
HSL	342°, 100%, 95%
HSV	342°, 9%, 100%
XYZ	85.2473, 84.5799, 92.7298
YIQ	238.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

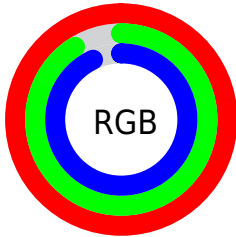
Format	Color
R _Y B	255, 231, 238
Decimal	16771054
CIE Lab	93.70, 9.34, -0.43
CIE LCh	94, 9.347, 357.333
Yxy	84.5799, 0.3247, 0.3221
Android (android.graphics.Color)	4294961134 (0xFFFFE7EE)
YUV	238.9740, -0.4802, 14.0548
Hunter-Lab	91.9673, 4.5143, 4.5956

Details

The YIQ color $238.9740, 12.0570, 7.2650$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $247.0260, -12.0570, -7.2650$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.6750, 11.4610, 7.0530$ is the 20% darker color. If you saturate the color by 10%, you get $221.6600, 24.9850, 15.2650$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

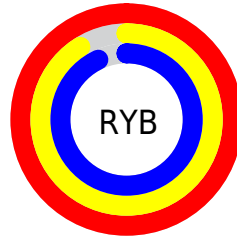
Distribution



Red (100%)

Green (91%)

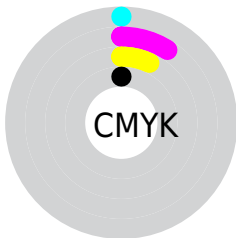
Blue (93%)



Red (100%)

Yellow (91%)

Blue (93%)

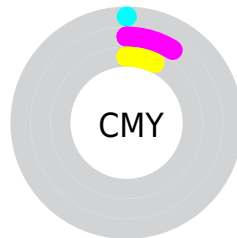


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 238.9740, 12.0570, 7.2650 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 238.9740, 12.0570, 7.2650 by changing the saturation by 10% instead.


 238.9740, 12.0570,
7.2650


 238.9740, 12.0570,
7.2650


255.0000, -0.0000,
-0.0000


 210.6750, 11.4610,
7.0530

 182.6750, 11.4610,
7.0530

 156.2620, 11.1860,
6.5300

 129.9630, 10.5900,
6.3180

 104.6640, 9.9940,
6.1060

 80.6640, 9.9940,
6.1060

 57.9520, 9.1230,

5.3710

■ 35.7670, 8.2060,
5.4700

■ 13.4900, 10.5440,
7.1520

■ 238.9740, 12.0570,
7.2650

■ 238.9740, 12.0570,
7.2650

■ 221.6600, 24.9850,
15.2650

255.0000, -0.0000,
-0.0000

■ 204.9330, 37.6380,
22.7420

■ 187.6190, 50.5660,
30.7420

■ 170.8920, 63.2190,
38.2190

■ 153.5780, 76.1470,
46.2190

■ 136.8510, 88.8000,
53.6960

■ 119.5370,
101.7280, 61.6960

■ 102.8100,
114.3810, 69.1730

■ 85.4960, 127.3090,
77.1730

Harmonies

Analogous

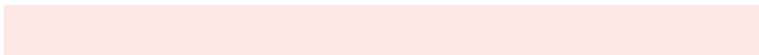
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.4940, 4.7210, 8.0570



238.9740, 12.0570, 7.2650



237.9480, 14.9460, 4.4660

Triad

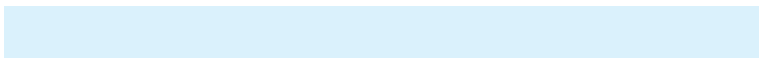
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.9740, 12.0570, 7.2650



235.7520, 3.3940, -6.4460



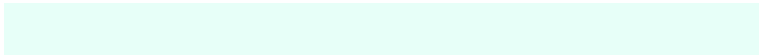
235.3770, -17.2390, -1.4550

Complementary

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



238.9740, 12.0570, 7.2650



247.0260, -12.0570, -7.2650

Split Complementary

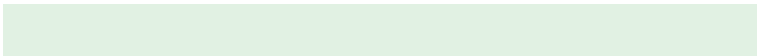
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.2690, -17.0550, -4.7910



238.9740, 12.0570, 7.2650



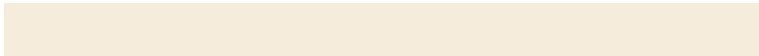
234.6200, -5.0420, -7.7460

Square

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



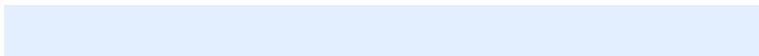
238.9740, 12.0570, 7.2650



237.0520, 11.4170, -3.1670



234.1400, -12.3780, -6.9540



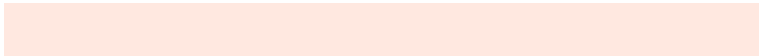
236.6490, -12.0130, 2.9550

Rectangle

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



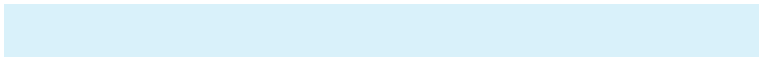
238.9740, 12.0570, 7.2650



237.9650, 16.2760, 2.3880



234.1400, -12.3780, -6.9540



234.8500, -17.1930, -2.2890

Sweetspot

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



238.9740, 12.0570, 7.2650



249.7340, 3.8050, 2.6290



238.8190, 2.4280, 11.0680



124.0220, 2.9340, 1.8940



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

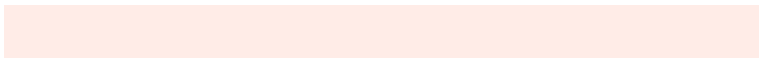
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.9740, 12.0570, 7.2650



236.2840, 14.1200, 8.4240



241.1110, 12.9290, 2.4730



119.2290, 6.7850, 3.6890



63.4930, 95.8600, 57.9080



21.3020, 32.0450, 19.4770

Inverse Universe

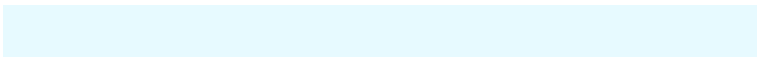
The Inverse Universe completely reimagines the original color for something new.



238.9740, 12.0570, 7.2650



236.2840, 14.1200, 8.4240



244.8890, -12.9290, -2.4730



119.2290, 6.7850, 3.6890



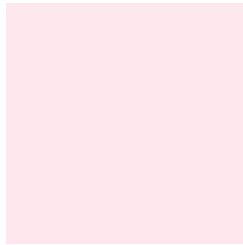
63.4930, 95.8600, 57.9080



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 238.9740, 12.0570, 7.2650 looks on a white background.

Color Contrast Check

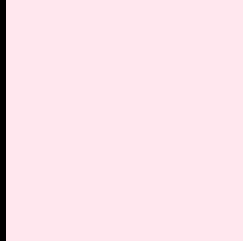
Large Text (above 18pt) WCAG AA × Fail

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 238.9740, 12.0570, 7.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

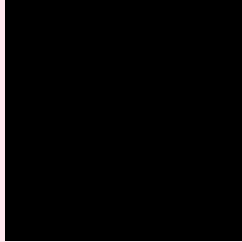
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 238.9740, 12.0570, 7.2650

Background



This preview shows how black text looks on a background with the YIQ color 238.9740, 12.0570, 7.2650.



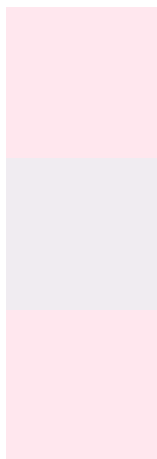
This preview shows how white text looks on a background with the YIQ color 238.9740, 12.0570,

7.2650.

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

238.9740, 12.0570, 7.2650

Protanopia

237.7660, 0.7790, 2.4030

Deuteranopia

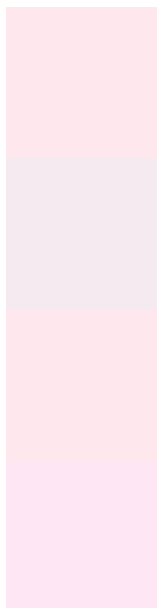
238.9740, 12.0570, 7.2650



Tritanopia

239.4130, 9.4430, 10.5870

Trichromacy



Original Color

238.9740, 12.0570, 7.2650

Protanomaly

237.9730, 4.6300, 4.1980

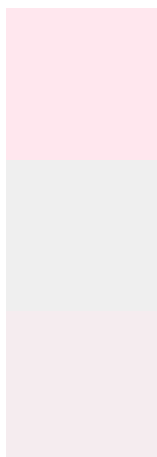
Deuteranomaly

238.9740, 12.0570, 7.2650

Tritanomaly

239.0710, 10.4060, 9.6540

Monochromacy



Original Color

238.9740, 12.0570, 7.2650

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.0330, 4.4010, 2.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.9740, 12.0570, 7.2650 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, 231, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 238)  
}
```

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, 231, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 238) }
```

Border

The CSS property to change the border of an element to YIQ 238.9740, 12.0570, 7.2650 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, 231, 238) }
```


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

```
.border{ border-color:rgb(255, 231, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 238.9740, 12.0570, 7.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 238) }
```

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

```
.background{ background-color: rgb(255,  
231, 238) }
```

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