

Converting Colors

YIQ(239.3730, 14.9470, -1.0610)

Have a look what the booklet for
YIQ(239.3730, 14.9470, -1.0610)
contains.

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Color

**YIQ(239.3730, 14.9470,
-1.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	FDECDD
RGB	253, 236, 221
RGB Percent	99%, 93%, 87%
CMY	0.0078, 0.0745, 0.1333
CMYK	0.00, 0.07, 0.13, 0.01
HSL	28°, 89%, 93%
HSV	28°, 13%, 99%
XYZ	83.5578, 86.0923, 80.6328
YIQ	239.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

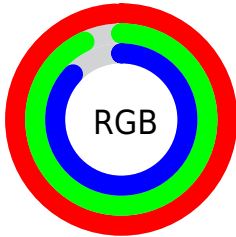
Format	Color
R _Y B	253, 249, 221
Decimal	16641245
CIE Lab	94.35, 3.33, 9.32
CIE LCh	94, 9.893, 70.342
Yxy	86.0923, 0.3339, 0.3440
Android (android.graphics.Color)	4294831325 (0xFFFDECD)
YUV	239.3730, -9.0579, 11.9509
Hunter-Lab	92.7859, -1.6283, 13.4260

Details

The YIQ color $239.3730, 14.9470, -1.0610$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.6270, -14.9470, 1.0610$, 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 $183.1880, 14.0300, -0.9620$ is the 20% darker color. If you saturate the color by 10%, you get $228.8920, 26.5470, -2.0370$, and if you desaturate by 10%, it is $249.8540, 3.3470, -0.0850$.

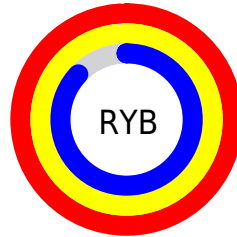
Distribution



Red (99%)

Green (93%)

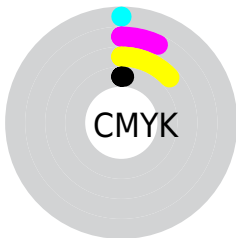
Blue (87%)



Red (99%)

Yellow (98%)

Blue (87%)

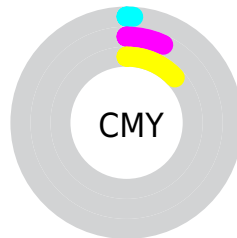


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (1%)



Cyan (1%)


Magenta (7%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 239.3730, 14.9470, -1.0610 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 239.3730, 14.9470, -1.0610 by changing the saturation by 10% instead.


 239.3730, 14.9470,
-1.0610


 239.3730, 14.9470,
-1.0610


255.0000, -0.0000,
-0.0000


 211.0740, 14.3510,
-1.2730

 183.1880, 14.0300,
-0.9620

 156.3020, 13.7090,
-0.6510

 130.5900, 12.8380,
-1.3860

 105.1170, 12.7920,
-0.5520

 81.4050, 11.9210,
-1.2870

 58.2200, 11.0040,

-1.1880

■ 36.0350, 10.0870,
-1.0890

■ 14.8180, 12.1960,
-0.7640

■ 239.3730, 14.9470,
-1.0610

■ 239.3730, 14.9470,
-1.0610

■ 228.8920, 26.5470,
-2.0370

■ 249.8540, 3.3470,
-0.0850

■ 217.7100, 38.7430,
-2.8010

■ 254.4020, -1.1920,
-0.4240

■ 207.2290, 50.3430,
-3.7770

■ 196.1610, 62.2180,
-4.2300

■ 185.6800, 73.8180,
-5.2060

■ 174.4980, 86.0140,
-5.9700

■ 164.0170, 97.6140,
-6.9460

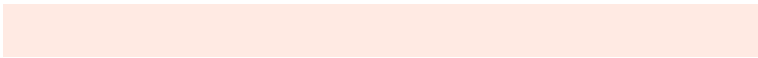
■ 152.9490,
109.4890, -7.3990

■ 144.9130,
118.3380, -8.0780

Harmonies

Analogous

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



239.4810, 14.7630, 2.2750



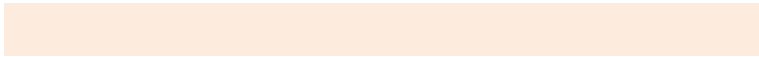
239.3730, 14.9470, -1.0610



238.0300, 8.4830, -5.0610

Triad

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



239.3730, 14.9470, -1.0610



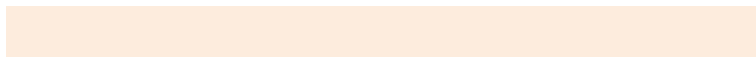
235.9870, -16.3210, -7.0810



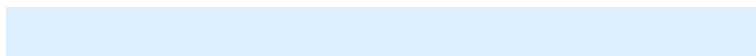
240.0420, 0.1820, 7.7180

Complementary

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



239.3730, 14.9470, -1.0610



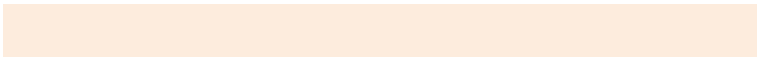
234.6270, -14.9470, 1.0610

Split Complementary

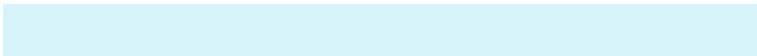
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.4430, -8.4370, 4.2270



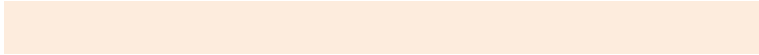
239.3730, 14.9470, -1.0610



236.4260, -18.9350, -3.7590

Square

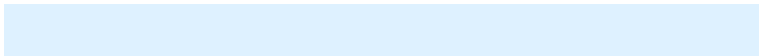
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.3730, 14.9470, -1.0610



236.0540, -9.2600, -8.3960



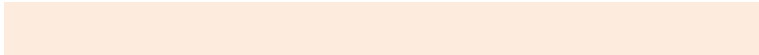
236.9150, -15.8180, 0.3260



240.6470, 8.6640, 8.1840

Rectangle

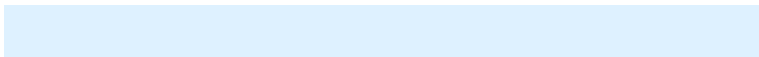
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.3730, 14.9470, -1.0610



237.3390, 3.1190, -6.9690



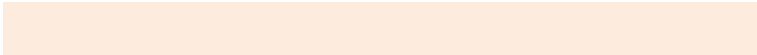
236.9150, -15.8180, 0.3260



239.6610, -3.1190, 6.9690

Sweetspot

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



239.3730, 14.9470, -1.0610



250.9250, 4.5850, -0.4950



232.5060, 13.6150, 12.0710



124.8540, 3.3470, -0.0850



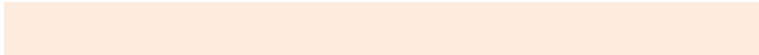
0.0000, 0.0000, 0.0000



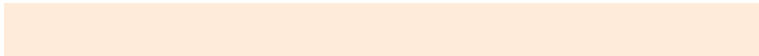
128.0000, -0.0000, -0.0000

Same Dimension

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



239.3730, 14.9470, -1.0610



238.9280, 17.6980, -1.3580



248.7650, 10.5470, -9.4290



122.4090, 6.0980, -0.3820



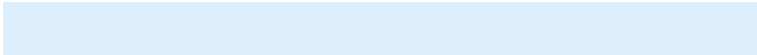
109.9390, 89.0860, -6.5780



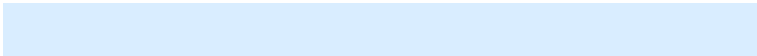
36.7460, 29.8940, -2.1220

Inverse Universe

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



234.6270, -14.9470, 1.0610



233.0720, -17.6980, 1.3580



225.2350, -10.5470, 9.4290



120.5910, -6.0980, 0.3820



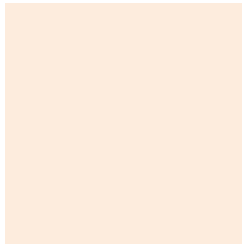
81.6480, -89.3610, 6.0550



27.2540, -29.8940, 2.1220

Previews

White Background



This preview shows how the YIQ color 239.3730, 14.9470, -1.0610 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 239.3730, 14.9470, -1.0610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

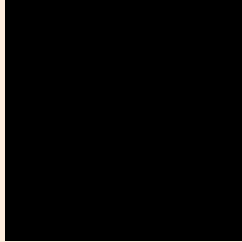
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.3730, 14.9470, -1.0610

Background



This preview shows how black text looks on a background with the YIQ color 239.3730, 14.9470, -1.0610.



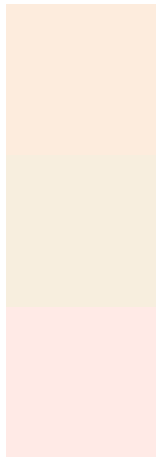
This preview shows how white text looks on a background with the YIQ color 239.3730, 14.9470,

-1.0610.

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

239.3730, 14.9470, -1.0610

Protanopia

238.8670, 10.5000, -3.0680

Deuteranopia

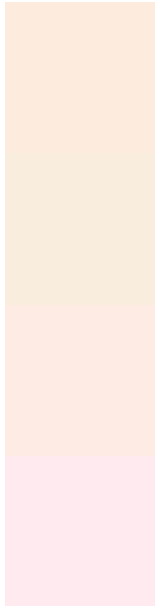
239.8230, 13.8000, 3.2080



Tritanopia

241.4020, 7.9760, 9.6400

Trichromacy



Original Color

239.3730, 14.9470, -1.0610

Protanomaly

238.8780, 11.9670, -2.1210

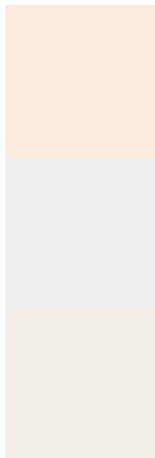
Deuteranomaly

239.7690, 13.8920, 1.5400

Tritanomaly

240.5500, 10.3150, 5.7950

Monochromacy



Original Color

239.3730, 14.9470, -1.0610

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.1100, 5.5020, -0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.3730, 14.9470, -1.0610 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(253, 236, 221)` looks like.

```
.text, #text, p{  
    color:rgb(253, 236, 221)  
}
```

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(253, 236, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 236, 221) }
```

Border

The CSS property to change the border of an element to YIQ 239.3730, 14.9470, -1.0610 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(253, 236, 221) }
```


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

```
.border{ border-color:rgb(253, 236, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 236, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 236, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 236, 221);  
box-shadow:4px 4px 4px 4px rgb(253, 236,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 239.3730, 14.9470, -1.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 236, 221) }
```

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

```
.background{ background-color: rgb(253,  
236, 221) }
```

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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