

Converting Colors

YIQ(239.3720, 24.7150,
-12.8930)

Have a look what the booklet for
YIQ(239.3720, 24.7150, -12.8930)
contains.

YIQ(239.3720, 24.7150, -12.8930)	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(239.3720, 24.7150,
-12.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1BE
RGB	255, 241, 190
RGB Percent	100%, 95%, 75%
CMY	0.0000, 0.0549, 0.2548
CMYK	0.00, 0.05, 0.25, 0.00
HSL	47°, 100%, 87%
HSV	47°, 25%, 100%
XYZ	81.9916, 87.8863, 61.3776
YIQ	239.3720, 24.7150, -12.8930

Conversions

Conversions Part 2

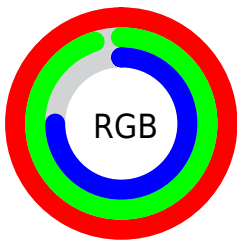
Format	Color
R _Y B	208, 255, 190
Decimal	16773566
CIE Lab	95.11, -2.96, 26.36
CIE LCh	95, 26.526, 96.417
Yxy	87.8863, 0.3545, 0.3800
Android (android.graphics.Color)	4294963646 (0xFFFFF1BE)
YUV	239.3720, -24.3404, 13.7058
Hunter-Lab	93.7477, -7.9425, 26.8056

Details

The YIQ color $239.3720, 24.7150, -12.8930$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $205.6280, -24.7150, 12.8930$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.0880, 2.5680, -2.4880$, and $183.3010, 23.4770, -12.4830$ is the 20% darker color. If you saturate the color by 10%, you get $233.5870, 34.1150, -18.0530$, and if you desaturate by 10%, it is $245.2710, 14.9940, -7.4220$.

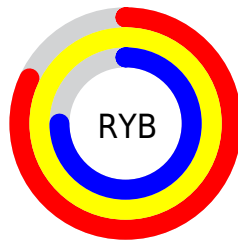
Distribution



Red (100%)

Green (95%)

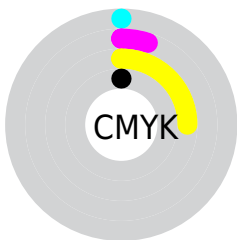
Blue (75%)



Red (82%)

Yellow (100%)

Blue (75%)

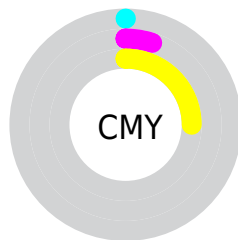


Cyan (0%)

Magenta (5%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 239.3720, 24.7150, -12.8930 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 239.3720, 24.7150, -12.8930 by changing the saturation by 10% instead.


 239.3720, 24.7150,
-12.8930


 239.3720, 24.7150,
-12.8930

255.0000, -0.0000,
-0.0000


 211.1870, 23.7980,
-12.7940

 254.0880, 2.5680,
-2.4880

 183.3010, 23.4770,
-12.4830

 156.2300, 22.2390,
-12.0730

 130.0450, 21.3220,
-11.9740

 104.8600, 20.4050,
-11.8750

 80.4900, 18.5710,
-11.6770

 57.3050, 17.6540,

-11.5780

■ 35.7610, 16.3700,
-10.3340

■ 16.2470, 6.3740,
-5.3860

■ 239.3720, 24.7150,
-12.8930

■ 239.3720, 24.7150,
-12.8930

■ 233.5870, 34.1150,
-18.0530

■ 245.2710, 14.9940,
-7.4220

■ 227.1010, 44.1110,
-23.0010

■ 251.6430, 5.3190,
-2.7850

■ 221.3160, 53.5110,
-28.1610

255.0000, -0.0000,
-0.0000

■ 214.8300, 63.5070,
-33.1090

■ 209.0450, 72.9070,
-38.2690

■ 202.5590, 82.9030,
-43.2170

■ 196.7740, 92.3030,
-48.3770

■ 193.6450, 96.9800,
-50.5400

Harmonies

Analogous

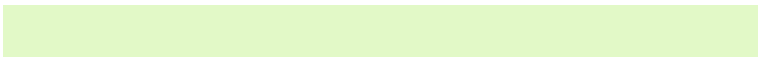
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.6590, 25.5850, -6.6310



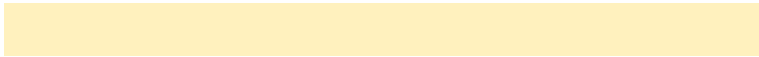
239.3720, 24.7150, -12.8930



236.4230, 2.3420, -20.4260

Triad

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



239.3720, 24.7150, -12.8930



229.2970, -49.7890, -17.2850



237.3900, 8.2500, 15.6900

Complementary

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



239.3720, 24.7150, -12.8930



205.6280, -24.7150, 12.8930

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.



241.1890, 4.2620, 10.8700



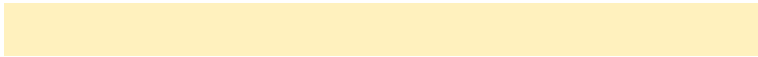
239.3720, 24.7150, -12.8930



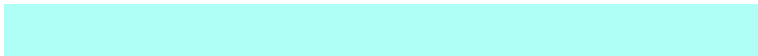
231.1460, -38.8780, -11.2780

Square

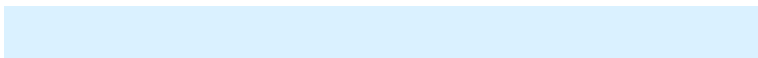
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.3720, 24.7150, -12.8930



230.3530, -44.1950, -19.5470



235.7190, -18.2020, -0.5220



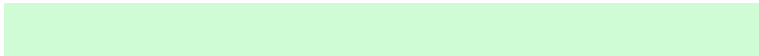
234.0500, 14.8990, 10.8270

Rectangle

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



239.3720, 24.7150, -12.8930



233.9850, -13.9800, -21.9800



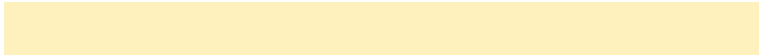
235.7190, -18.2020, -0.5220



238.5640, 7.7000, 14.6440

Sweetspot

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



239.3720, 24.7150, -12.8930



250.3720, 7.5200, -4.1280



211.0310, 34.2460, 18.1340



124.7570, 4.9980, -2.4740



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

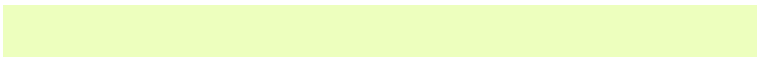
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.3720, 24.7150, -12.8930



236.0150, 30.0340, -15.6780



242.2080, 10.1370, -24.0310



124.7570, 4.9980, -2.4740



145.1590, 72.5860, -37.9580



48.4860, 24.3940, -12.5820

Inverse Universe

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



205.6280, -24.7150, 12.8930



194.9850, -30.0340, 15.6780



202.7920, -10.1370, 24.0310



117.6560, -4.7230, 2.9970



45.8410, -72.5860, 37.9580



15.5140, -24.3940, 12.5820

Previews

White Background



This preview shows how the YIQ color 239.3720, 24.7150, -12.8930 looks on a white background.

Color Contrast Check

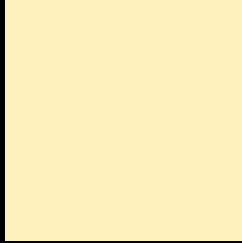
Large Text (above 18pt) WCAG AA × Fail

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 239.3720, 24.7150, -12.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

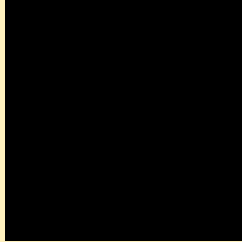
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.3720, 24.7150, -12.8930

Background



This preview shows how black text looks on a background with the YIQ color 239.3720, 24.7150, -12.8930.



This preview shows how white text looks on a background with the YIQ color 239.3720, 24.7150,

-12.8930.

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

239.3720, 24.7150, -12.8930

Protanopia

239.9420, 23.1100, -11.3380

Deuteranopia

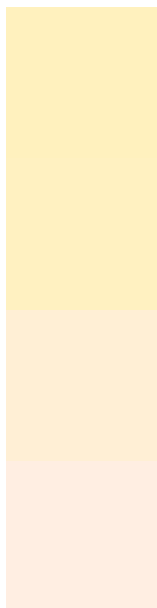
241.7150, 13.9840, -0.1280



Tritanopia

242.9350, 7.7930, 7.4490

Trichromacy



Original Color

239.3720, 24.7150, -12.8930

Protanomaly

239.7140, 23.7520, -11.9600

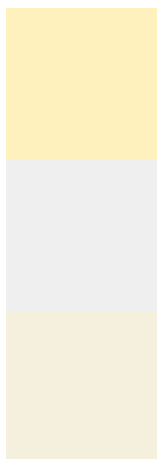
Deuteranomaly

240.8200, 17.8820, -4.6940

Tritanomaly

241.7150, 13.9840, -0.1280

Monochromacy



Original Color

239.3720, 24.7150, -12.8930

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.3290, 9.0790, -4.8490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.3720, 24.7150, -12.8930 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, 241, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 190)  
}
```

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, 241, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 190) }
```

Border

The CSS property to change the border of an element to YIQ 239.3720, 24.7150, -12.8930 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, 241, 190) }
```


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

```
.border{ border-color:rgb(255, 241, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 239.3720, 24.7150, -12.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 190) }
```

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

```
.background{ background-color: rgb(255,  
241, 190) }
```

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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