

Converting Colors

YIQ(238.1330, 6.6950, -5.6970)

Have a look what the booklet for
YIQ(238.1330, 6.6950, -5.6970)
contains.

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Color

**YIQ(238.1330, 6.6950,
-5.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F0DD
RGB	241, 240, 221
RGB Percent	95%, 94%, 87%
CMY	0.0549, 0.0588, 0.1333
CMYK	0.00, 0.00, 0.08, 0.05
HSL	57°, 42%, 91%
HSV	57°, 8%, 95%
XYZ	80.4873, 86.2413, 80.8181
YIQ	238.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

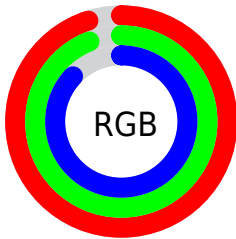
Format	Color
R _Y B	222, 241, 221
Decimal	15855837
CIE Lab	94.42, -2.89, 9.29
CIE LCh	94, 9.726, 107.265
Yxy	86.2413, 0.3251, 0.3484
Android (android.graphics.Color)	4294045917 (0xFFFF1F0DD)
YUV	238.1330, -8.4466, 2.5144
Hunter-Lab	92.8662, -7.8095, 13.4084

Details

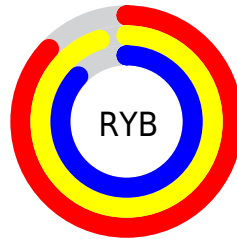
The YIQ color **238.1330, 6.6950, -5.6970** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **223.8670, -6.6950, 5.6970**, and the grayscale version is **238.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **182.2470, 6.3740, -5.3860** is the 20% darker color. If you saturate the color by 10%, you get **234.8100, 14.6740, -12.6380**, and if you desaturate by 10%, it is **241.4560, -1.2840, 1.2440**.

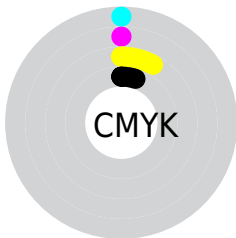
Distribution



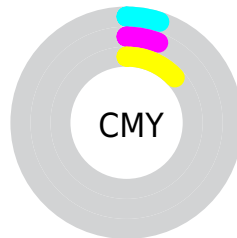
- Red (95%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.1330, 6.6950, -5.6970 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 238.1330, 6.6950, -5.6970 by changing the saturation by 10% instead.

■ 238.1330, 6.6950,
-5.6970

■ 238.1330, 6.6950,
-5.6970

255.0000, -0.0000,
-0.0000

■ 210.1330, 6.6950,
-5.6970

■ 182.2470, 6.3740,
-5.3860

■ 155.3610, 6.0530,
-5.0750

■ 129.3610, 6.0530,
-5.0750

■ 104.4750, 5.7320,
-4.7640

■ 80.1760, 5.1360,
-4.9760

■ 57.2900, 4.8150,

-4.6650

■ 35.4040, 4.4940,
-4.3540

■ 14.1760, 5.1360,
-4.9760

■ 238.1330, 6.6950,
-5.6970

■ 238.1330, 6.6950,
-5.6970

■ 234.8100, 14.6740,
-12.6380

■ 241.4560, -1.2840,
1.2440

■ 231.4870, 22.6530,
-19.5790

■ 243.1830, -4.7690,
3.8310

■ 227.5770, 30.9070,
-25.9970

■ 244.3570, -5.3190,
2.7850

■ 224.2540, 38.8860,
-32.9380

■ 244.9440, -5.5940,
2.2620

■ 220.9310, 46.8650,
-39.8790

■ 245.5310, -5.8690,
1.7390

■ 217.4940, 55.1650,
-47.1310

■ 246.1180, -6.1440,
1.2160

■ 214.1710, 63.1440,
-54.0720

■ 246.7050, -6.4190,
0.6930

■ 210.2610, 71.3980,
-60.4900

■ 247.8790, -6.9690,
-0.3530

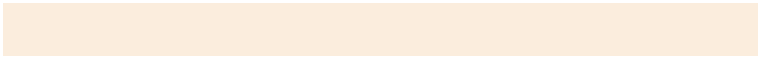
■ 206.9380, 79.3770,
-67.4310

■ 248.4660, -7.2440,
-0.8760

Harmonies

Analogous

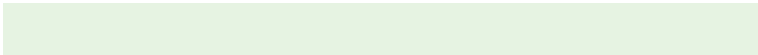
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.3620, 13.4800, -2.0080



238.1330, 6.6950, -5.6970



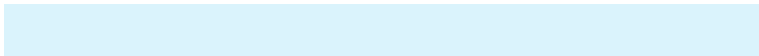
237.1750, -2.2910, -8.0430

Triad

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



238.1330, 6.6950, -5.6970



236.5510, -17.7890, -2.5010



240.7180, 9.9020, 7.7740

Complementary

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



238.1330, 6.6950, -5.6970



223.8670, -6.6950, 5.6970

Split Complementary

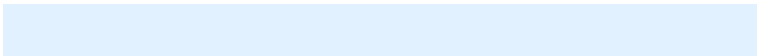
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.5260, 1.6950, 7.8310



238.1330, 6.6950, -5.6970



237.8120, -14.0300, 0.9620

Square

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



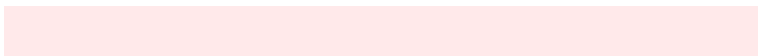
238.1330, 6.6950, -5.6970



236.2150, -16.9630, -6.4590



239.3400, -6.6490, 4.8630



239.6920, 12.7910, 4.9750

Rectangle

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



238.1330, 6.6950, -5.6970



236.5380, -7.7470, -8.2830



239.3400, -6.6490, 4.8630



241.3480, 8.0680, 7.9720

Sweetspot

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



238.1330, 6.6950, -5.6970



254.4300, 1.6050, -1.5550



227.0940, 11.5990, 4.5510



127.0710, 1.2380, -0.4100



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.



238.1330, 6.6950, -5.6970



251.5630, 8.3000, -7.2520



236.0290, 1.0560, -8.1280



118.0450, 4.1270, -3.2090



157.1540, 61.8140, -51.9940



47.8550, 18.8010, -15.8470

Inverse Universe

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



223.8670, -6.6950, 5.6970



233.4370, -8.3000, 7.2520



225.9710, -1.0560, 8.1280



109.3680, -3.8520, 3.7320



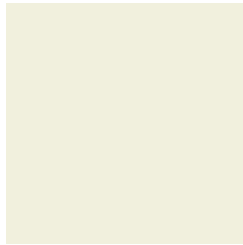
26.2590, -61.5390, 52.5170



8.1450, -18.8010, 15.8470

Previews

White Background



This preview shows how the YIQ color 238.1330, 6.6950, -5.6970 looks on a white background.

Color Contrast Check

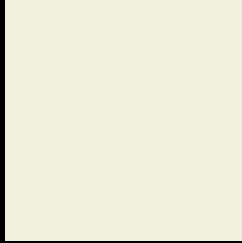
Large Text (above 18pt) WCAG AA × Fail

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 238.1330, 6.6950, -5.6970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

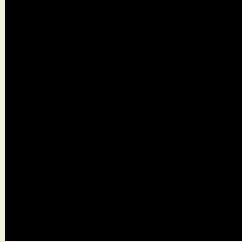
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

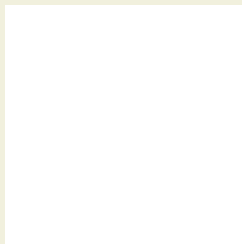
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.1330, 6.6950, -5.6970

Background



This preview shows how black text looks on a background with the YIQ color 238.1330, 6.6950, -5.6970.



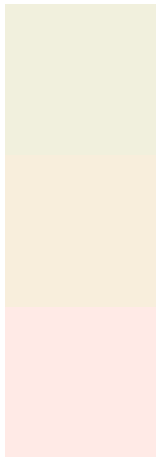
This preview shows how white text looks on a background with the YIQ color 238.1330, 6.6950, -5.6970.

-5.6970.

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

238.1330, 6.6950, -5.6970

Protanopia

238.9380, 11.7380, -3.4780

Deuteranopia

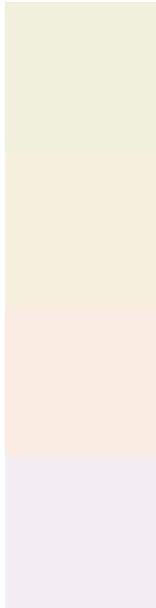
239.8230, 13.8000, 3.2080



Tritanopia

240.4550, 0.4570, 8.2410

Trichromacy



Original Color

238.1330, 6.6950, -5.6970

Protanomaly

238.6280, 9.6750, -4.6370

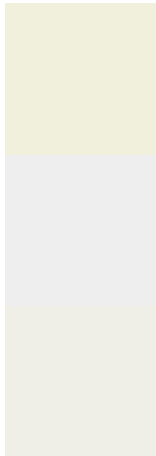
Deuteranomaly

239.1600, 11.2330, 0.1690

Tritanomaly

239.6630, 2.5670, 3.0390

Monochromacy



Original Color

238.1330, 6.6950, -5.6970

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.2020, 2.2470, -2.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.1330, 6.6950, -5.6970 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(241, 240, 221)` looks like.

```
.text, #text, p{  
    color:rgb(241, 240, 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(241, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 240, 221) }
```

Border

The CSS property to change the border of an element to YIQ 238.1330, 6.6950, -5.6970 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(241, 240, 221) }
```


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

```
.border{ border-color:rgb(241, 240, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 240, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(241, 240,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 238.1330, 6.6950, -5.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 240, 221) }
```

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

```
.background{ background-color: rgb(241,  
240, 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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