

Converting Colors

YIQ(245.9700, 8.7120, -3.7040)

Have a look what the booklet for
YIQ(245.9700, 8.7120, -3.7040)
contains.

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Color

**YIQ(245.9700, 8.7120,
-3.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF6E6
RGB	252, 246, 230
RGB Percent	99%, 96%, 90%
CMY	0.0118, 0.0353, 0.0980
CMYK	0.00, 0.02, 0.09, 0.01
HSL	44°, 79%, 95%
HSV	44°, 9%, 99%
XYZ	87.3849, 92.3195, 88.0855
YIQ	245.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

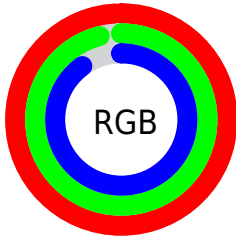
Format	Color
R_{YB}	238, 252, 230
Decimal	16578278
CIE _{Lab}	96.95, -0.67, 8.39
CIE _{LCh}	97, 8.413, 94.571
Yxy	92.3195, 0.3263, 0.3447
Android (android.graphics.Color)	4294768358 (0xFFFCF6E6)
YUV	245.9700, -7.8732, 5.2883
Hunter-Lab	96.0830, -5.8044, 12.9032

Details

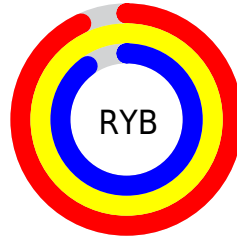
The YIQ color $245.9700, 8.7120, -3.7040$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.0300, -8.7120, 3.7040$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.7850, 7.7950, -3.6050$ is the 20% darker color. If you saturate the color by 10%, you get $239.0110, 18.6620, -7.8180$, and if you desaturate by 10%, it is $252.9290, -1.2380, 0.4100$.

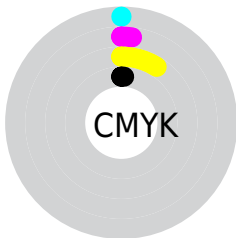
Distribution



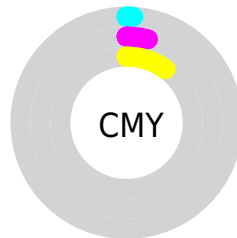
- Red (99%)
- Green (96%)
- Blue (90%)



- Red (93%)
- Yellow (99%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (1%)




- Cyan (1%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 245.9700, 8.7120, -3.7040 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 245.9700, 8.7120, -3.7040 by changing the saturation by 10% instead.


 245.9700, 8.7120,
-3.7040


 245.9700, 8.7120,
-3.7040


255.0000, -0.0000,
-0.0000

 217.6710, 8.1160,
-3.9160

 189.7850, 7.7950,
-3.6050

 162.7850, 7.7950,
-3.6050

 136.1980, 8.0700,
-3.0820

 110.8990, 7.4740,
-3.2940

 86.7140, 6.5570,
-3.1950

 63.7140, 6.5570,

-3.1950

■ 41.5290, 5.6400,
-3.0960

■ 20.6710, 8.1160,
-3.9160

■ 245.9700, 8.7120,
-3.7040

■ 245.9700, 8.7120,
-3.7040

■ 239.0110, 18.6620,
-7.8180

■ 252.9290, -1.2380,
0.4100

■ 232.0520, 28.6120,
-11.9320

■ 254.1030, -1.7880,
-0.6360

■ 224.9790, 38.8830,
-16.3570

■ 218.6070, 48.5580,
-20.9940

■ 211.6480, 58.5080,
-25.1080

■ 204.6890, 68.4580,
-29.2220

■ 197.7300, 78.4080,
-33.3360

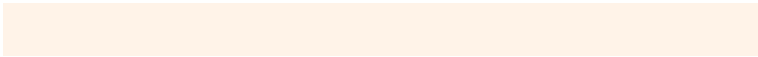
■ 190.6570, 88.6790,
-37.7610

■ 183.6980, 98.6290,
-41.8750

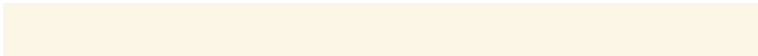
Harmonies

Analogous

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



245.3340, 10.6830, -0.8770



245.9700, 8.7120, -3.7040



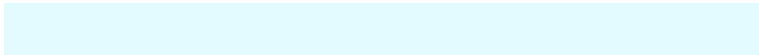
245.0830, 0.9640, -6.4600

Triad

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



245.9700, 8.7120, -3.7040



244.2800, -15.5880, -3.8440



247.1410, 4.2170, 6.1770

Complementary

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



245.9700, 8.7120, -3.7040



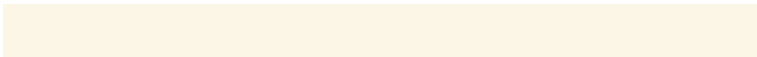
236.0300, -8.7120, 3.7040

Split Complementary

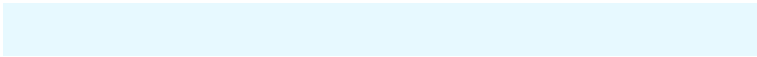
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.0480, 0.0450, 4.6930



245.9700, 8.7120, -3.7040



244.3020, -12.6540, -1.9500

Square

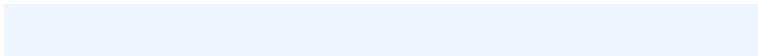
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.9700, 8.7120, -3.7040



243.6670, -12.4240, -6.1200



245.2320, -6.4650, 1.5270



245.6420, 7.0600, 4.2120

Rectangle

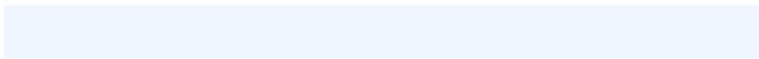
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.9700, 8.7120, -3.7040



244.3320, -4.1710, -7.0110



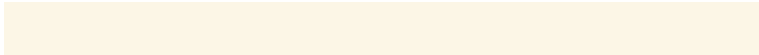
245.2320, -6.4650, 1.5270



247.3690, 3.5750, 6.7990

Sweetspot

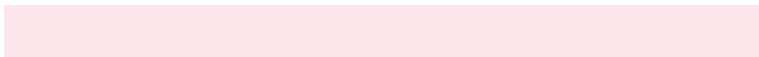
The Sweet Spot groups the original color and five complimentary colors.



245.9700, 8.7120, -3.7040



252.9140, 3.1180, -1.4420



237.2620, 11.1860, 6.5300



126.1420, 2.4760, -0.8200



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.



245.9700, 8.7120, -3.7040



248.0410, 9.9500, -4.1140



247.9970, 4.0820, -7.9020



121.7570, 4.9980, -2.4740



136.9300, 74.9690, -31.5830



44.6540, 23.9810, -10.6030

Inverse Universe

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



236.0300, -8.7120, 3.7040



236.3720, -9.6750, 4.6370



234.0030, -4.0820, 7.9020



115.8300, -5.2730, 1.9510



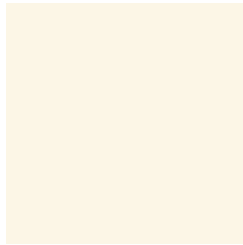
51.4830, -74.6940, 32.1060



16.9330, -24.2560, 10.0800

Previews

White Background



This preview shows how the YIQ color 245.9700, 8.7120, -3.7040 looks on a white background.

Color Contrast Check

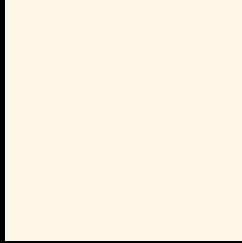
Large Text (above 18pt) WCAG AA × Fail

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 245.9700, 8.7120, -3.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

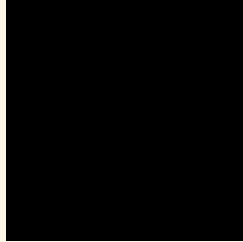
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 245.9700, 8.7120, -3.7040

Background



This preview shows how black text looks on a background with the YIQ color 245.9700, 8.7120, -3.7040.



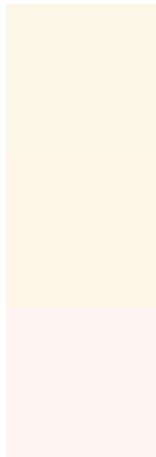
This preview shows how white text looks on a background with the YIQ color 245.9700, 8.7120,

-3.7140.

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

245.9700, 8.7120, -3.7040

Protanopia

245.9810, 10.1790, -2.7570

Deuteranopia

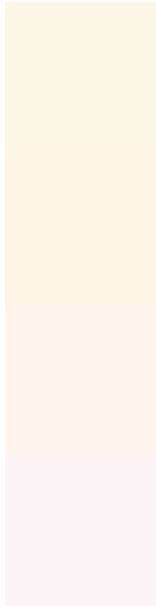
247.0610, 7.1980, 1.7100



Tritanopia

247.0590, 1.5120, 5.6400

Trichromacy



Original Color

245.9700, 8.7120, -3.7040

Protanomaly

245.6820, 9.5830, -2.9690

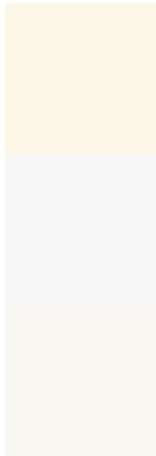
Deuteranomaly

246.8930, 7.6110, -0.2690

Tritanomaly

246.6200, 4.1260, 2.3180

Monochromacy



Original Color

245.9700, 8.7120, -3.7040

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

245.9140, 3.1180, -1.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.9700, 8.7120, -3.7040 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(252, 246, 230)` looks like.

```
.text, #text, p{  
    color:rgb(252, 246, 230)  
}
```

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(252, 246, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 246, 230) }
```

Border

The CSS property to change the border of an element to YIQ 245.9700, 8.7120, -3.7040 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(252, 246, 230) }
```


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

```
.border{ border-color:rgb(252, 246, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 246, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 246, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 246, 230);  
box-shadow:4px 4px 4px 4px rgb(252, 246,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 245.9700, 8.7120, -3.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 246, 230) }
```

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

```
.background{ background-color: rgb(252,  
246, 230) }
```

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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