

Converting Colors

YIQ(247.0700, 2.9790, 6.5870)

Have a look what the booklet for
YIQ(247.0700, 2.9790, 6.5870)
contains.

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Color

**YIQ(247.0700, 2.9790,
6.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF2FF
RGB	254, 242, 255
RGB Percent	100%, 95%, 100%
CMY	0.0039, 0.0510, 0.0000
CMYK	0.00, 0.05, 0.00, 0.00
HSL	295°, 100%, 97%
HSV	295°, 5%, 100%
XYZ	90.6771, 91.7939, 107.5465
YIQ	247.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 242, 255
Decimal	16708351
CIE _{Lab}	96.74, 6.29, -4.81
CIE _{LCh}	97, 7.913, 322.600
Yxy	91.7939, 0.3127, 0.3165
Android (android.graphics.Color)	4294898431 (0xFFFEF2FF)
YUV	247.0700, 3.9095, 6.0776
Hunter-Lab	95.8091, 1.2727, 0.5129

Details

The YIQ color 247.0700, 2.9790, 6.5870 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249.9300, -2.9790, -6.5870, and the grayscale version is 247.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 190.6570, 2.7040, 6.0640 is the 20% darker color. If you saturate the color by 10%, you get 231.7970, 8.6620, 19.2380, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

Distribution



- Red (100%)
- Green (95%)
- Blue (100%)



- Red (100%)
- Yellow (95%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the YIQ color 247.0700, 2.9790, 6.5870 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 247.0700, 2.9790, 6.5870 by changing the saturation by 10% instead.

 247.0700, 2.9790,
6.5870

 247.0700, 2.9790,
6.5870

255.0000, -0.0000,
-0.0000


 218.6570, 2.7040,
6.0640

 190.6570, 2.7040,
6.0640

 163.6570, 2.7040,
6.0640

 137.6570, 2.7040,
6.0640

 112.2440, 2.4290,
5.5410

 87.2440, 2.4290,
5.5410

 64.2440, 2.4290,

5.5410

■ 42.4180, 1.8790,
4.4950

■ 21.7170, 2.4750,
4.7070

■ 247.0700, 2.9790,
6.5870

■ 247.0700, 2.9790,
6.5870

■ 231.7970, 8.6620,
19.2380

255.0000, -0.0000,
-0.0000

■ 215.9370, 14.6200,
32.4120

■ 200.6640, 20.3030,
45.0630

■ 184.8040, 26.2610,
58.2370

■ 169.5310, 31.9440,
70.8880

■ 153.6710, 37.9020,
84.0620

■ 138.3980, 43.5850,
96.7130

■ 122.5380, 49.5430,
109.8870

■ 107.5640, 55.8220,
122.7500

Harmonies

Analogous

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



245.5530, -2.9350, 3.6330



247.0700, 2.9790, 6.5870



245.9840, 6.0970, 5.1450

Triad

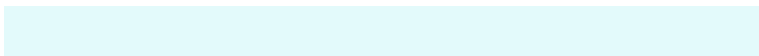
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.0700, 2.9790, 6.5870



245.5080, 10.1330, -1.9230



243.2370, -14.0290, -4.5650

Complementary

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



247.0700, 2.9790, 6.5870



249.9300, -2.9790, -6.5870

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.



243.2220, -9.6730, -6.4170



247.0700, 2.9790, 6.5870



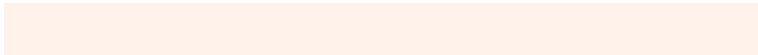
244.8770, 4.5400, -5.1880

Square

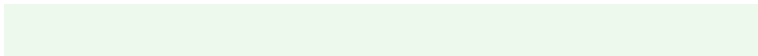
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.0700, 2.9790, 6.5870



244.9750, 10.3160, 0.2680



243.9300, -2.9790, -6.5870



243.7040, -13.8460, -2.3740

Rectangle

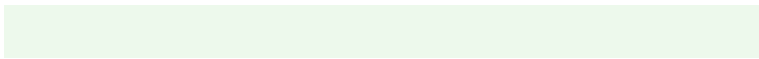
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247.0700, 2.9790, 6.5870



245.4140, 7.7020, 3.5900



243.9300, -2.9790, -6.5870



243.0090, -13.3870, -5.1870

Sweetspot

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



247.0700, 2.9790, 6.5870



252.0650, 1.3750, 2.6150



244.0690, -4.4480, 3.5200



125.9400, 0.2290, 1.3570



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.



247.0700, 2.9790, 6.5870



245.8960, 3.5290, 7.6330



246.7990, 5.1800, 5.2440



122.4180, 1.8790, 4.4950



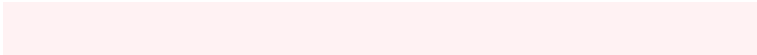
74.6970, 44.1810, 96.9250



24.9370, 14.6200, 32.4120

Inverse Universe

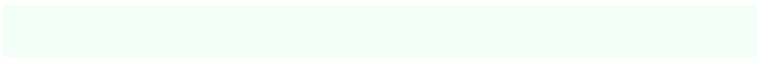
The Inverse Universe completely reimagines the original color for something new.



246.0010, 7.4270, 3.0670



244.5990, 8.6190, 3.4910



250.2010, -5.1800, -5.2440



121.6910, 5.3640, 1.9080



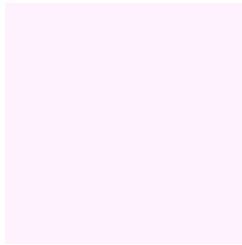
58.8190, 109.0210, 45.1570



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 247.0700, 2.9790, 6.5870 looks on a white background.

Color Contrast Check

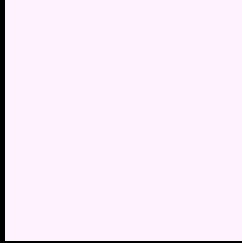
Large Text (above 18pt) WCAG AA × Fail

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 247.0700, 2.9790, 6.5870 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 247.0700, 2.9790, 6.5870

Background



This preview shows how black text looks on a background with the YIQ color 247.0700, 2.9790, 6.5870.



This preview shows how white text looks on a background with the YIQ color 247.0700, 2.9790,

6.5870.

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

247.0700, 2.9790, 6.5870

Protanopia

246.1510, -1.7430, 4.0570

Deuteranopia

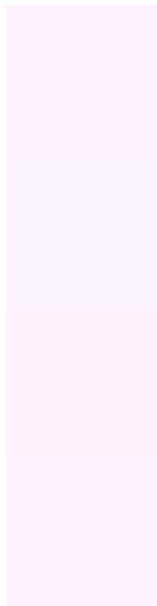
246.9130, 4.8590, 5.5550



Tritanopia

247.0590, 1.5120, 5.6400

Trichromacy



Original Color

247.0700, 2.9790, 6.5870

Protanomaly

246.4610, 0.3200, 5.2160

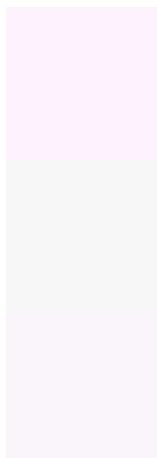
Deuteranomaly

247.0270, 4.5380, 5.8660

Tritanomaly

247.3580, 2.1080, 5.8520

Monochromacy



Original Color

247.0700, 2.9790, 6.5870

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

247.0650, 1.3750, 2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.0700, 2.9790, 6.5870 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(254, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 242, 255)  
}
```

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(254, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 242, 255) }
```

Border

The CSS property to change the border of an element to YIQ 247.0700, 2.9790, 6.5870 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(254, 242, 255) }
```


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

```
.border{ border-color:rgb(254, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 242,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 247.0700, 2.9790, 6.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 242, 255) }
```

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

```
.background{ background-color: rgb(254,  
242, 255) }
```

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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