

Converting Colors

YIQ(247.0610, 7.1980, 1.7100)

Have a look what the booklet for
YIQ(247.0610, 7.1980, 1.7100)
contains.

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Color

**YIQ(247.0610, 7.1980,
1.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4F2
RGB	255, 244, 242
RGB Percent	100%, 96%, 95%
CMY	0.0000, 0.0431, 0.0509
CMYK	0.00, 0.04, 0.05, 0.00
HSL	9°, 100%, 97%
HSV	9°, 5%, 100%
XYZ	89.6175, 92.3698, 97.1163
YIQ	247.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

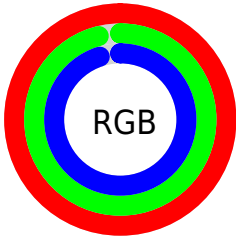
Format	Color
R _Y B	255, 244, 242
Decimal	16774386
CIE Lab	96.97, 3.35, 2.26
CIE LCh	97, 4.038, 34.018
Yxy	92.3698, 0.3211, 0.3310
Android (android.graphics.Color)	4294964466 (0xFFFFF4F2)
YUV	247.0610, -2.4951, 6.9625
Hunter-Lab	96.1092, -1.7481, 7.3652

Details

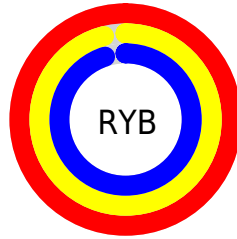
The YIQ color $247.0610, 7.1980, 1.7100$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $249.9390, -7.1980, -1.7100$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $190.7620, 6.6020, 1.4980$ is the 20% darker color. If you saturate the color by 10%, you get $231.2970, 21.2730, 5.4410$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

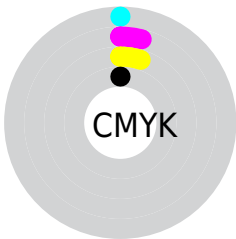
Distribution



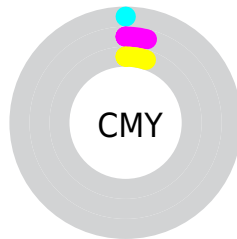
- Red (100%)
- Green (96%)
- Blue (95%)



- Red (100%)
- Yellow (96%)
- Blue (95%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 247.0610, 7.1980, 1.7100 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 247.0610, 7.1980, 1.7100 by changing the saturation by 10% instead.

 247.0610, 7.1980,
1.7100

 247.0610, 7.1980,
1.7100


255.0000, -0.0000,
-0.0000


 218.7620, 6.6020,
1.4980

 190.7620, 6.6020,
1.4980

 163.7620, 6.6020,
1.4980

 137.4630, 6.0060,
1.2860

 111.8760, 6.2810,
1.8090

 87.4630, 6.0060,
1.2860

 64.1640, 5.4100,

1.0740

■ 42.2780, 5.0890,
1.3850

■ 21.8650, 4.8140,
0.8620

■ 247.0610, 7.1980,
1.7100

■ 247.0610, 7.1980,
1.7100

■ 231.2970, 21.2730,
5.4410

255.0000, -0.0000,
-0.0000

■ 216.0060, 35.3940,
8.3380

■ 200.2420, 49.4690,
12.0690

■ 184.9510, 63.5900,
14.9660

■ 169.1870, 77.6650,
18.6970

■ 153.3090, 92.0610,
22.1170

■ 138.1320,
105.8610, 25.3250

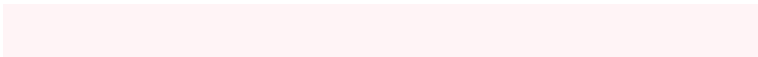
■ 122.2540,
120.2570, 28.7450

■ 107.0770,
134.0570, 31.9530

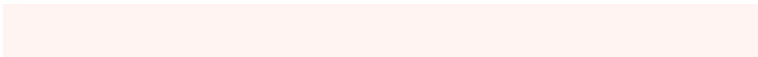
Harmonies

Analogous

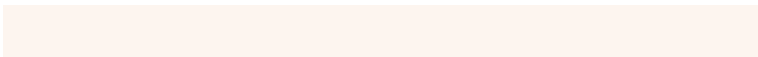
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.5170, 5.9140, 2.9540



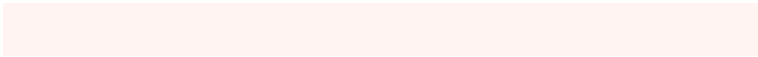
247.0610, 7.1980, 1.7100



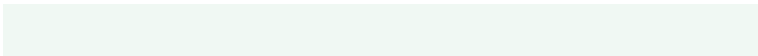
246.7080, 6.6940, -0.1700

Triad

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



247.0610, 7.1980, 1.7100



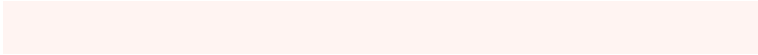
245.0380, -3.1630, -3.2510



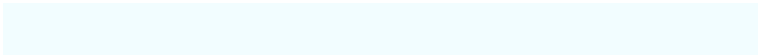
246.0150, -4.3560, 1.8520

Complementary

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



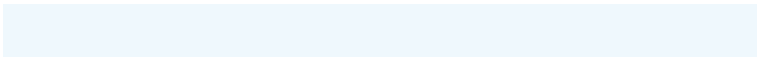
247.0610, 7.1980, 1.7100



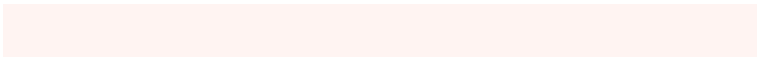
249.9390, -7.1980, -1.7100

Split Complementary

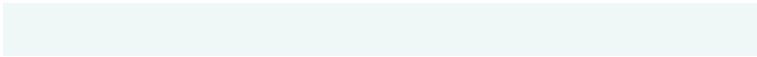
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.8790, -6.9690, -0.3530



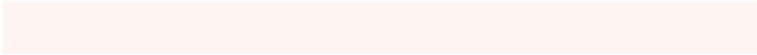
247.0610, 7.1980, 1.7100



245.4830, -5.9140, -2.9540

Square

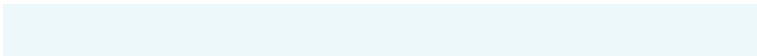
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.0610, 7.1980, 1.7100



245.6040, 1.0550, -2.6010



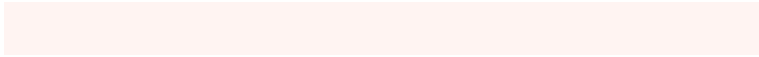
244.9390, -7.1980, -1.7100



246.8090, -0.7800, 3.1240

Rectangle

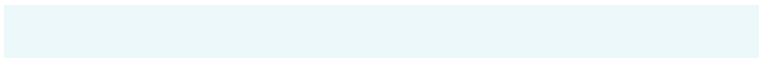
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



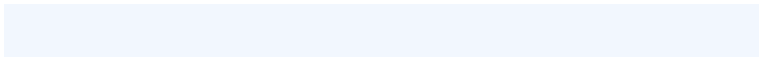
247.0610, 7.1980, 1.7100



246.6970, 5.2270, -1.1170



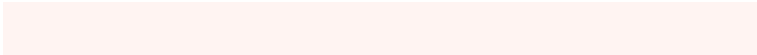
244.9390, -7.1980, -1.7100



246.3030, -5.2270, 1.1170

Sweetspot

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



247.0610, 7.1980, 1.7100



252.0820, 2.7050, 0.5370



247.1410, 4.2170, 6.1770



125.8970, 1.7880, 0.6360



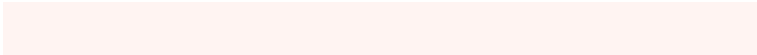
0.0000, 0.0000, 0.0000



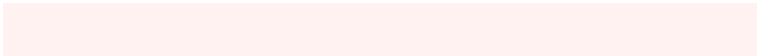
128.0000, -0.0000, -0.0000

Same Dimension

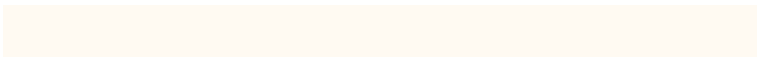
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.0610, 7.1980, 1.7100



245.6590, 8.3900, 2.1340



250.5830, 5.5480, -1.4280



122.2780, 5.0890, 1.3850



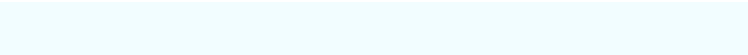
74.1320, 105.8610, 25.3250



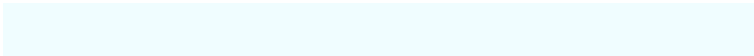
25.0060, 35.3940, 8.3380

Inverse Universe

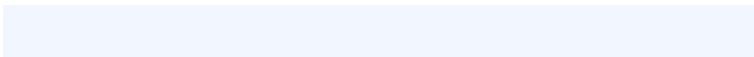
The Inverse Universe completely reimagines the original color for something new.



249.9390, -7.1980, -1.7100



249.3410, -8.3900, -2.1340



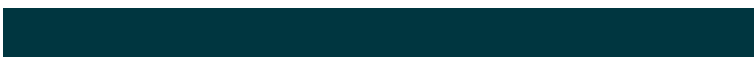
246.4170, -5.5480, 1.4280



124.1350, -4.8140, -0.8620



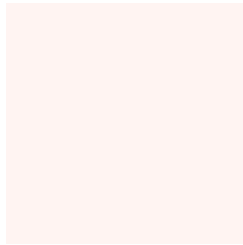
116.8680, -105.8610, -25.3250



38.9940, -35.3940, -8.3380

Previews

White Background



This preview shows how the YIQ color 247.0610, 7.1980, 1.7100 looks on a white background.

Color Contrast Check

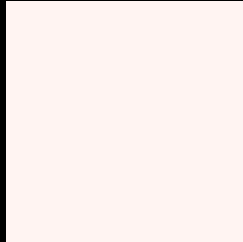
Large Text (above 18pt) WCAG AA × Fail

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 247.0610, 7.1980, 1.7100 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

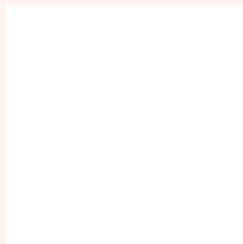
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 247.0610, 7.1980, 1.7100

Background



This preview shows how black text looks on a background with the YIQ color 247.0610, 7.1980, 1.7100.



This preview shows how white text looks on a background with the YIQ color 247.0610, 7.1980,

1.7100.

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

247.0610, 7.1980, 1.7100

Protanopia

246.5660, 4.2180, 0.6500

Deuteranopia

247.4030, 6.2350, 2.6430



Tritanopia

247.3580, 2.1080, 5.8520

Trichromacy



Original Color

247.0610, 7.1980, 1.7100

Protanomaly

246.8650, 4.8140, 0.8620

Deuteranomaly

247.2890, 6.5560, 2.3320

Tritanomaly

247.0870, 4.3090, 4.5090

Monochromacy



Original Color

247.0610, 7.1980, 1.7100

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

247.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.0610, 7.1980, 1.7100 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, 244, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 242)  
}
```

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, 244, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 242) }
```

Border

The CSS property to change the border of an element to YIQ 247.0610, 7.1980, 1.7100 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, 244, 242) }
```


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

```
.border{ border-color:rgb(255, 244, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 247.0610, 7.1980, 1.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 242) }
```

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

```
.background{ background-color: rgb(255,  
244, 242) }
```

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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