

Converting Colors

YIQ(247.6260, 3.9890, -0.7070)

Have a look what the booklet for
YIQ(247.6260, 3.9890, -0.7070)
contains.

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Color

**YIQ(247.6260, 3.9890,
-0.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF7F2
RGB	251, 247, 242
RGB Percent	98%, 97%, 95%
CMY	0.0157, 0.0314, 0.0510
CMYK	0.00, 0.02, 0.04, 0.02
HSL	33°, 53%, 97%
HSV	33°, 4%, 98%
XYZ	89.0723, 93.4411, 97.3497
YIQ	247.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

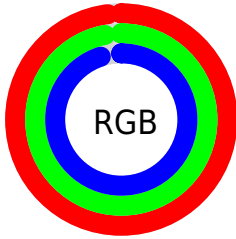
Format	Color
R_{YB}	249, 251, 242
Decimal	16513010
CIE _{Lab}	97.41, 0.48, 2.85
CIE _{LCh}	97, 2.894, 80.550
Y _{xy}	93.4411, 0.3183, 0.3339
Android (android.graphics.Color)	4294703090 (0xFFFFBF7F2)
YUV	247.6260, -2.7736, 2.9590
Hunter-Lab	96.6650, -4.6842, 7.9555

Details

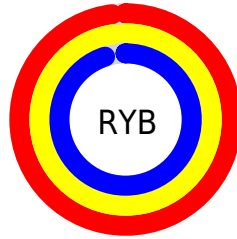
The YIQ color $247.6260, 3.9890, -0.7070$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.3740, -3.9890, 0.7070$, and the grayscale version is $248.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $191.6260, 3.9890, -0.7070$ is the 20% darker color. If you saturate the color by 10%, you get $238.3190, 15.0390, -2.7290$, and if you desaturate by 10%, it is $253.8040, -2.3840, -0.8480$.

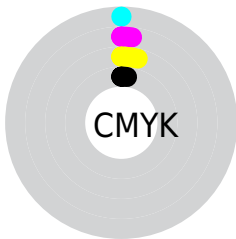
Distribution



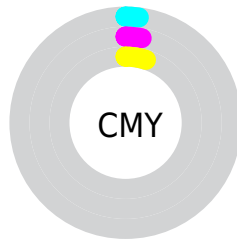
- Red (98%)
- Green (97%)
- Blue (95%)



- Red (98%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 247.6260, 3.9890, -0.7070 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 247.6260, 3.9890, -0.7070 by changing the saturation by 10% instead.

247.6260, 3.9890,
-0.7070

247.6260, 3.9890,
-0.7070

255.0000, -0.0000,
-0.0000

219.3270, 3.3930,
-0.9190

191.6260, 3.9890,
-0.7070

164.3270, 3.3930,
-0.9190

137.7400, 3.6680,
-0.3960

112.4410, 3.0720,
-0.6080

88.3270, 3.3930,
-0.9190

64.4410, 3.0720,

-0.6080

■ 42.5550, 2.7510,
-0.2970

■ 22.4410, 3.0720,
-0.6080

■ 247.6260, 3.9890,
-0.7070

■ 247.6260, 3.9890,
-0.7070

■ 238.3190, 15.0390,
-2.7290

■ 253.8040, -2.3840,
-0.8480

■ 229.0120, 26.0890,
-4.7510

■ 219.7050, 37.1390,
-6.7730

■ 209.8110, 48.4640,
-8.2720

■ 200.5040, 59.5140,
-10.2940

■ 191.0830, 70.8850,
-12.6270

■ 181.7760, 81.9350,
-14.6490

■ 172.4690, 92.9850,
-16.6710

■ 163.1620,
104.0350, -18.6930

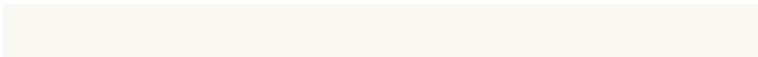
Harmonies

Analogous

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



247.7510, 5.1350, 0.5510



247.6260, 3.9890, -0.7070



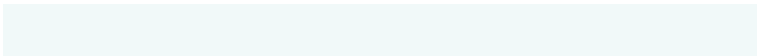
247.3160, 1.9260, -1.8660

Triad

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



247.6260, 3.9890, -0.7070



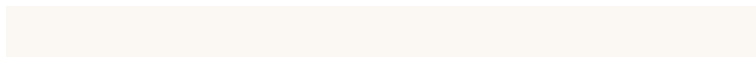
246.6080, -4.7680, -1.6960



247.7660, 0.7790, 2.4030

Complementary

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



247.6260, 3.9890, -0.7070



245.3740, -3.9890, 0.7070

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.



247.6840, -1.9260, 1.8660



247.6260, 3.9890, -0.7070



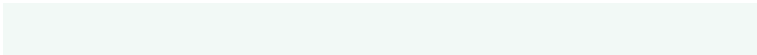
247.2490, -5.1350, -0.5510

Square

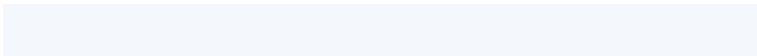
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



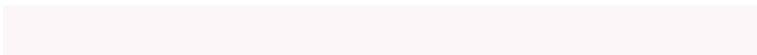
247.6260, 3.9890, -0.7070



246.5650, -3.2090, -2.4170



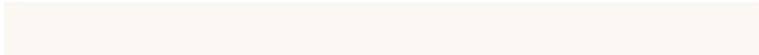
247.3740, -3.9890, 0.7070



248.3210, 3.5300, 2.1060

Rectangle

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



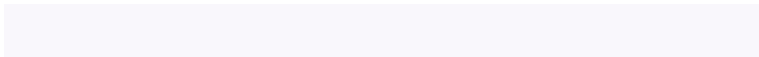
247.6260, 3.9890, -0.7070



246.8320, 0.4130, -1.9790



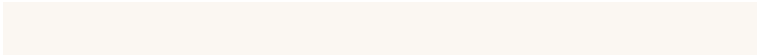
247.3740, -3.9890, 0.7070



248.1680, -0.4130, 1.9790

Sweetspot

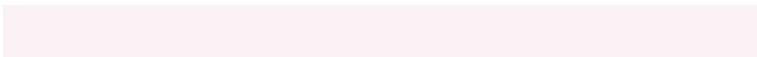
The Sweet Spot groups the original color and five complimentary colors.



247.6260, 3.9890, -0.7070



254.0710, 1.2380, -0.4100



245.1470, 4.0800, 3.1520



127.1850, 0.9170, -0.0990



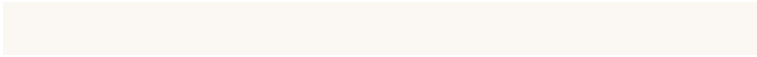
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



247.6260, 3.9890, -0.7070



250.9250, 4.5850, -0.4950



249.9740, 2.8890, -2.7990



122.5550, 2.7510, -0.2970



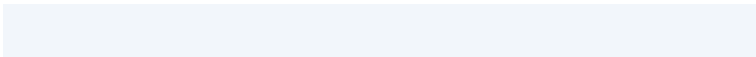
118.1460, 83.7690, -14.8470



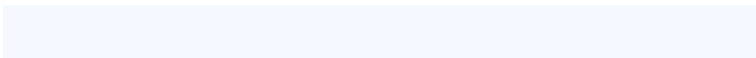
38.1970, 27.0060, -4.8500

Inverse Universe

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



245.3740, -3.9890, 0.7070



248.4880, -4.3100, 1.0180



243.0260, -2.8890, 2.7990



120.8580, -2.4760, 0.8200



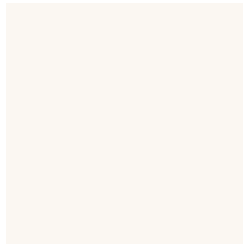
70.8540, -83.7690, 14.8470



22.8030, -27.0060, 4.8500

Previews

White Background



This preview shows how the YIQ color 247.6260, 3.9890, -0.7070 looks on a white background.

Color Contrast Check

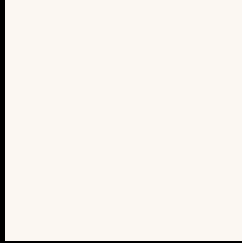
Large Text (above 18pt) WCAG AA × Fail

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 247.6260, 3.9890, -0.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

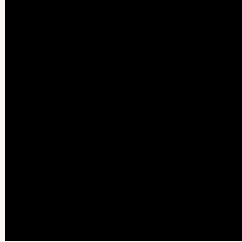
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

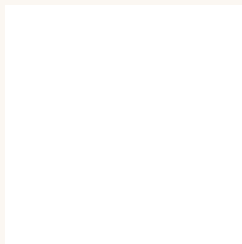
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 247.6260, 3.9890, -0.7070

Background



This preview shows how black text looks on a background with the YIQ color 247.6260, 3.9890, -0.7070.



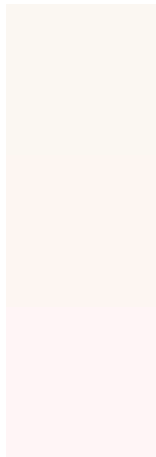
This preview shows how white text looks on a background with the YIQ color 247.6260, 3.9890, -0.7070.

-0.7170.

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

247.6260, 3.9890, -0.7070

Protanopia

247.6370, 5.4560, 0.2400

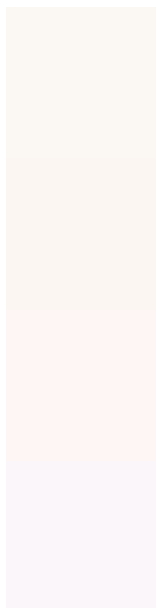
Deuteranopia

248.1040, 5.6390, 2.4310

Tritanopia

248.5210, 0.0910, 3.8590

Trichromacy



Original Color

247.6260, 3.9890, -0.7070

Protanomaly

247.3380, 4.8600, 0.0280

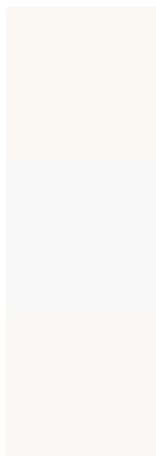
Deuteranomaly

248.2780, 5.0890, 1.3850

Tritanomaly

247.9510, 1.6960, 2.3040

Monochromacy



Original Color

247.6260, 3.9890, -0.7070

Achromatopsia

248.0000, -0.0000, -0.0000

Achromatomaly

248.0710, 1.2380, -0.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.6260, 3.9890, -0.7070 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(251, 247, 242)` looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 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(251, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 242) }
```

Border

The CSS property to change the border of an element to YIQ 247.6260, 3.9890, -0.7070 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(251, 247, 242) }
```


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

```
.border{ border-color:rgb(251, 247, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 247, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(251, 247,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 247.6260, 3.9890, -0.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 247, 242) }
```

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

```
.background{ background-color: rgb(251,  
247, 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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