

Converting Colors

YIQ(247.7790, 7.9320, -0.5800)

Have a look what the booklet for
YIQ(247.7790, 7.9320, -0.5800)
contains.

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Color

**YIQ(247.7790, 7.9320,
-0.5800)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFF6EE |
| RGB | 255, 246, 238 |
| RGB Percent | 100%, 96%, 93% |
| CMY | 0.0000, 0.0353, 0.0666 |
| CMYK | 0.00, 0.04, 0.07, 0.00 |
| HSL | 28°, 100%, 97% |
| HSV | 28°, 7%, 100% |
| XYZ | 89.6286, 93.3428, 94.1894 |
| YIQ | 247.7790, 7.9320, -0.5800 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 253, 238 |
| Decimal | 16774894 |
| CIE Lab | 97.37, 1.66, 4.89 |
| CIE LCh | 97, 5.169, 71.229 |
| Yxy | 93.3428, 0.3234, 0.3368 |
| Android (android.graphics.Color) | 4294964974 (0xFFFFF6EE) |
| YUV | 247.7790, -4.8210, 6.3328 |
| Hunter-Lab | 96.6141, -3.4807, 9.8279 |

Details

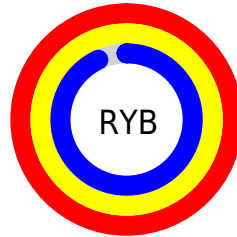
The YIQ color $247.7790, 7.9320, -0.5800$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.2210, -7.9320, 0.5800$, and the grayscale version is $248.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $191.4800, 7.3360, -0.7920$ is the 20% darker color. If you saturate the color by 10%, you get $236.7110, 19.8070, -1.0330$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

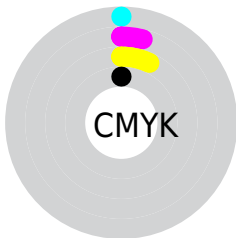
Distribution



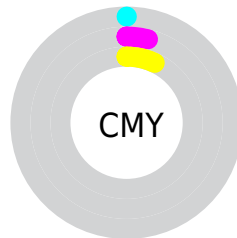
- Red (100%)
- Green (96%)
- Blue (93%)



- Red (100%)
- Yellow (99%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (0%)




- Cyan (0%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 247.7790, 7.9320, -0.5800 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 247.7790, 7.9320, -0.5800 by changing the saturation by 10% instead.


 247.7790, 7.9320,
-0.5800

 247.7790, 7.9320,
-0.5800

255.0000, -0.0000,
-0.0000


 219.4800, 7.3360,
-0.7920

 191.4800, 7.3360,
-0.7920

 164.4800, 7.3360,
-0.7920

 137.5940, 7.0150,
-0.4810

 112.5940, 7.0150,
-0.4810

 88.2950, 6.4190,
-0.6930

 64.9960, 5.8230,

-0.9050

■ 43.1100, 5.5020,
-0.5940

■ 21.9960, 5.8230,
-0.9050

■ 247.7790, 7.9320,
-0.5800

■ 247.7790, 7.9320,
-0.5800

■ 236.7110, 19.8070,
-1.0330

255.0000, -0.0000,
-0.0000

■ 226.1160, 31.7280,
-2.3200

■ 215.0480, 43.6030,
-2.7730

■ 204.4530, 55.5240,
-4.0600

■ 193.3850, 67.3990,
-4.5130

■ 182.7900, 79.3200,
-5.8000

■ 171.7220, 91.1950,
-6.2530

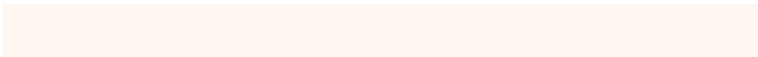
■ 161.1270,
103.1160, -7.5400

■ 150.0590,
114.9910, -7.9930

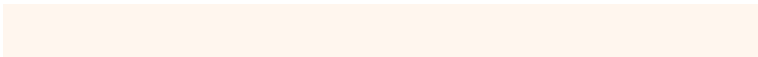
Harmonies

Analogous

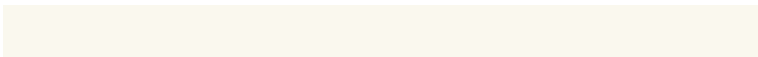
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.5340, 7.2440, 0.8760



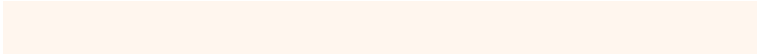
247.7790, 7.9320, -0.5800



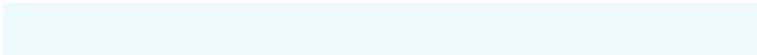
247.4580, 4.4020, -2.6860

Triad

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



247.7790, 7.9320, -0.5800



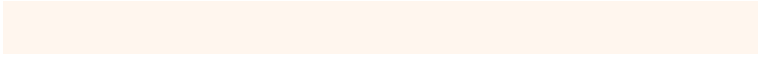
246.2870, -8.2980, -3.8020



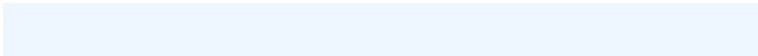
248.5210, 0.0910, 3.8590

Complementary

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



247.7790, 7.9320, -0.5800



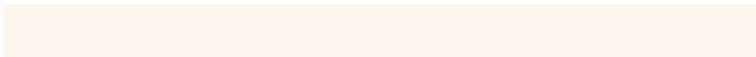
245.2210, -7.9320, 0.5800

Split Complementary

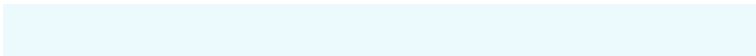
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.3140, -3.7600, 2.0640



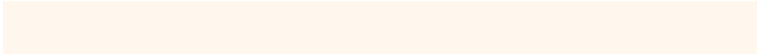
247.7790, 7.9320, -0.5800



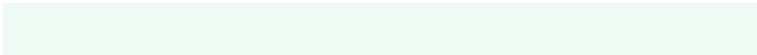
246.2700, -9.6280, -1.7240

Square

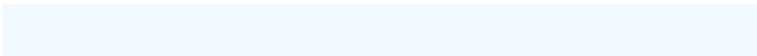
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.7790, 7.9320, -0.5800



246.0270, -4.6300, -4.1980



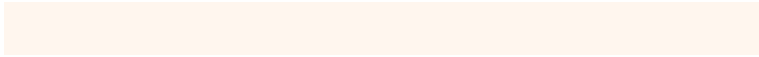
246.6940, -7.8860, -0.2540



248.0870, 4.3090, 4.5090

Rectangle

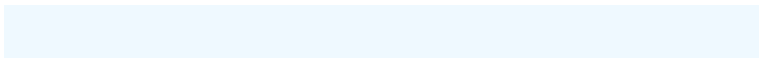
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247.7790, 7.9320, -0.5800



246.9630, 1.4220, -3.7460



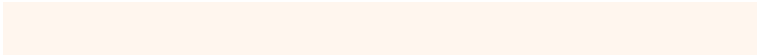
246.6940, -7.8860, -0.2540



247.9230, -1.1010, 3.4350

Sweetspot

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



247.7790, 7.9320, -0.5800



252.6690, 2.4300, 0.0140



244.1090, 7.2430, 6.4030



126.4840, 1.5130, 0.1130



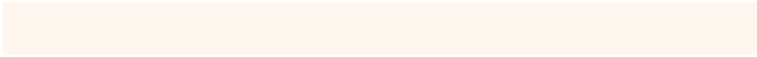
0.0000, 0.0000, 0.0000



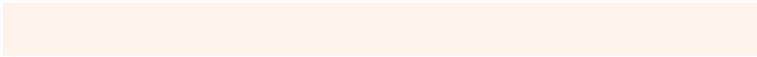
128.0000, -0.0000, -0.0000

Same Dimension

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



247.7790, 7.9320, -0.5800



246.2630, 9.4450, -0.4670



252.4750, 5.7320, -4.7640



122.4090, 6.0980, -0.3820



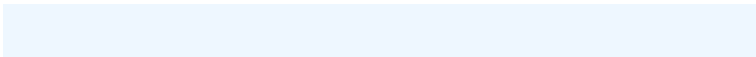
109.9390, 89.0860, -6.5780



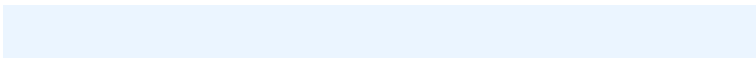
36.7460, 29.8940, -2.1220

Inverse Universe

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



245.2210, -7.9320, 0.5800



243.1500, -9.1700, 0.9900



240.5250, -5.7320, 4.7640



120.5910, -6.0980, 0.3820



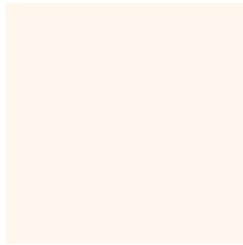
81.0610, -89.0860, 6.5780



27.2540, -29.8940, 2.1220

Previews

White Background



This preview shows how the YIQ color 247.7790, 7.9320, -0.5800 looks on a white background.

Color Contrast Check

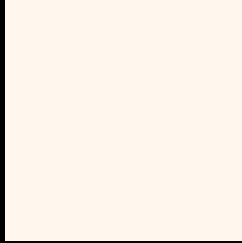
Large Text (above 18pt) WCAG AA × Fail

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 247.7790, 7.9320, -0.5800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

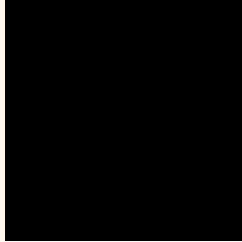
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 247.7790, 7.9320, -0.5800

Background



This preview shows how black text looks on a background with the YIQ color 247.7790, 7.9320, -0.5800.



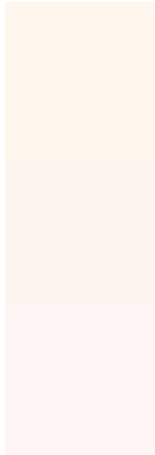
This preview shows how white text looks on a background with the YIQ color 247.7790, 7.9320, -0.5800.

-0.500.

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

247.7790, 7.9320, -0.5800

Protanopia

247.4800, 7.3360, -0.7920

Deuteranopia

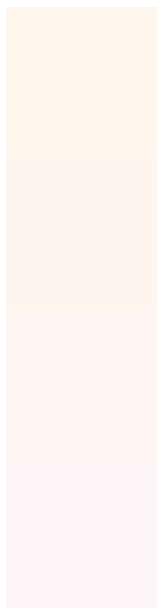
247.9900, 5.9600, 2.1200



Tritanopia

248.5320, 1.5580, 4.8060

Trichromacy



Original Color

247.7790, 7.9320, -0.5800

Protanomaly

247.4800, 7.3360, -0.7920

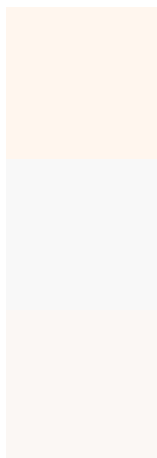
Deuteranomaly

247.6480, 6.9230, 1.1870

Tritanomaly

248.1470, 4.0800, 3.1520

Monochromacy



Original Color

247.7790, 7.9320, -0.5800

Achromatopsia

248.0000, -0.0000, -0.0000

Achromatomaly

247.8540, 3.3470, -0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.7790, 7.9320, -0.5800 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, 246, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 238)  
}
```

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, 246, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 238) }
```

Border

The CSS property to change the border of an element to YIQ 247.7790, 7.9320, -0.5800 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, 246, 238) }
```


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

```
.border{ border-color:rgb(255, 246, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 247.7790, 7.9320, -0.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 238) }
```

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

```
.background{ background-color: rgb(255,  
246, 238) }
```

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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