

Converting Colors

YIQ(233.7430, 16.7810, -1.2590)

Have a look what the booklet for
YIQ(233.7430, 16.7810, -1.2590)
contains.

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Color

**YIQ(233.7430, 16.7810,
-1.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E6D5
RGB	249, 230, 213
RGB Percent	98%, 90%, 84%
CMY	0.0235, 0.0980, 0.1646
CMYK	0.00, 0.08, 0.14, 0.02
HSL	28°, 75%, 91%
HSV	28°, 14%, 98%
XYZ	79.3775, 81.5356, 74.5186
YIQ	233.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

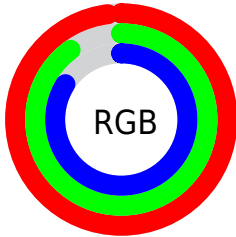
Format	Color
R _Y B	249, 245, 213
Decimal	16377557
CIE Lab	92.37, 3.75, 10.59
CIE LCh	92, 11.236, 70.517
Yxy	81.5356, 0.3372, 0.3463
Android (android.graphics.Color)	4294567637 (0xFFF9E6D5)
YUV	233.7430, -10.2263, 13.3804
Hunter-Lab	90.2971, -1.1059, 14.2783

Details

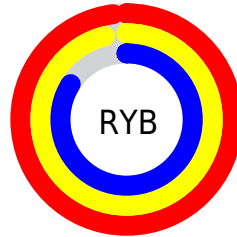
The YIQ color $233.7430, 16.7810, -1.2590$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $228.2570, -16.7810, 1.2590$, and the grayscale version is $234.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $178.1450, 15.5890, -1.6830$ is the 20% darker color. If you saturate the color by 10%, you get $223.2620, 28.3810, -2.2350$, and if you desaturate by 10%, it is $244.2240, 5.1810, -0.2830$.

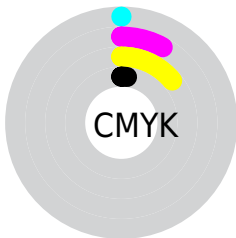
Distribution



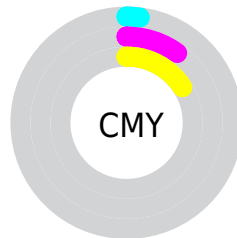
- Red (98%)
- Green (90%)
- Blue (84%)



- Red (98%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.7430, 16.7810, -1.2590 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 233.7430, 16.7810, -1.2590 by changing the saturation by 10% instead.

233.7430, 16.7810,
-1.2590

233.7430, 16.7810,
-1.2590

255.0000, -0.0000,
-0.0000

205.4440, 16.1850,
-1.4710

178.1450, 15.5890,
-1.6830

151.2590, 15.2680,
-1.3720

125.3730, 14.9470,
-1.0610

100.1880, 14.0300,
-0.9620

76.5900, 12.8380,
-1.3860

53.4050, 11.9210,

-1.2870

■ 32.1060, 11.3250,
-1.4990

■ 8.9150, 10.5450,
1.6250

■ 233.7430, 16.7810,
-1.2590

■ 233.7430, 16.7810,
-1.2590

■ 223.2620, 28.3810,
-2.2350

■ 244.2240, 5.1810,
-0.2830

■ 212.7810, 39.9810,
-3.2110

■ 253.2060, -3.5760,
-1.2720

■ 202.3000, 51.5810,
-4.1870

■ 191.2320, 63.4560,
-4.6400

■ 180.8650, 74.7350,
-5.3050

■ 170.3840, 86.3350,
-6.2810

■ 159.9030, 97.9350,
-7.2570

■ 149.4220,
109.5350, -8.2330

■ 143.1300,
116.2290, -8.4030

Harmonies

Analogous

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



234.4600, 19.2560, 3.4480



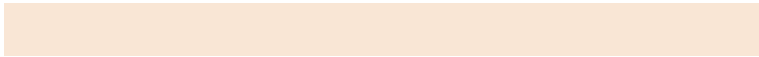
233.7430, 16.7810, -1.2590



232.6880, 9.4460, -5.9940

Triad

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



233.7430, 16.7810, -1.2590



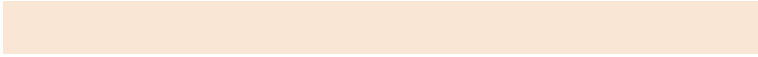
229.7910, -18.7050, -7.9290



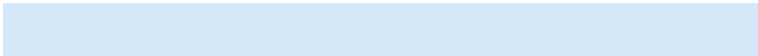
234.6830, -0.1850, 8.8630

Complementary

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



233.7430, 16.7810, -1.2590



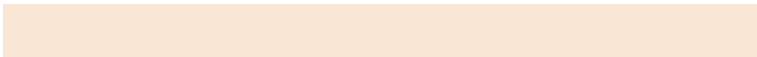
228.2570, -16.7810, 1.2590

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.



233.6000, -10.3170, 5.2590



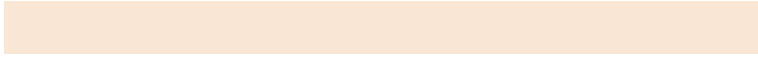
233.7430, 16.7810, -1.2590



230.3440, -21.6400, -4.2960

Square

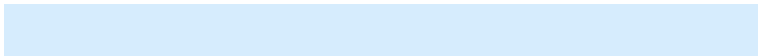
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.7430, 16.7810, -1.2590



230.0430, -10.7270, -9.3430



231.3600, -18.5690, 0.6230



235.7720, 9.8100, 9.4420

Rectangle

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



233.7430, 16.7810, -1.2590



231.6980, 3.4860, -8.1140



231.3600, -18.5690, 0.6230



234.3020, -3.4860, 8.1140

Sweetspot

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



233.7430, 16.7810, -1.2590



250.9250, 4.5850, -0.4950



225.9300, 15.3570, 13.5410



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



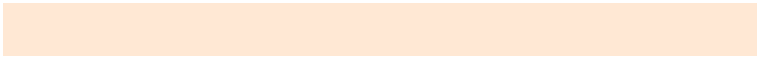
128.0000, -0.0000, -0.0000

Same Dimension

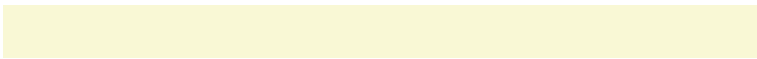
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.7430, 16.7810, -1.2590



236.5970, 20.1280, -1.3440



244.3090, 11.8310, -10.6730



119.4090, 6.0980, -0.3820



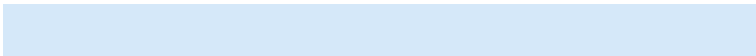
108.7540, 88.1690, -6.4790



35.2620, 28.3810, -2.2350

Inverse Universe

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



228.2570, -16.7810, 1.2590



230.4030, -20.1280, 1.3440



217.6910, -11.8310, 10.6730



117.5910, -6.0980, 0.3820



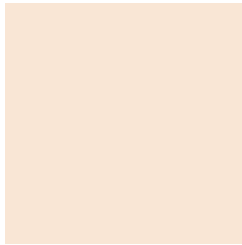
80.2460, -88.1690, 6.4790



25.7380, -28.3810, 2.2350

Previews

White Background



This preview shows how the YIQ color 233.7430, 16.7810, -1.2590 looks on a white background.

Color Contrast Check

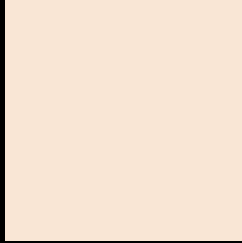
Large Text (above 18pt) WCAG AA × Fail

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 233.7430, 16.7810, -1.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

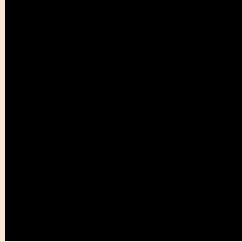
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 233.7430, 16.7810, -1.2590

Background



This preview shows how black text looks on a background with the YIQ color 233.7430, 16.7810, -1.2590.



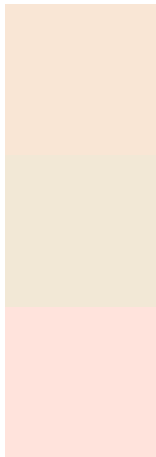
This preview shows how white text looks on a background with the YIQ color 233.7430, 16.7810, -1.2590.

-1.2590.

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

233.7430, 16.7810, -1.2590

Protanopia

232.9380, 11.7380, -3.4780

Deuteranopia

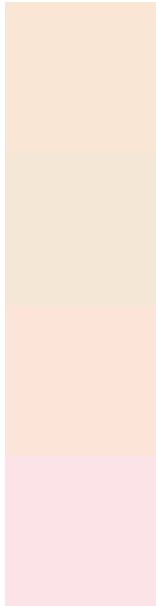
234.5740, 18.9350, 3.7590



Tritanopia

236.0110, 10.6350, 11.0110

Trichromacy



Original Color

233.7430, 16.7810, -1.2590

Protanomaly

233.2480, 13.8010, -2.3190

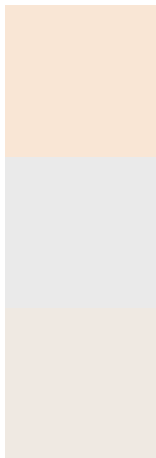
Deuteranomaly

234.2210, 18.4310, 1.8790

Tritanomaly

235.0450, 13.2950, 6.8550

Monochromacy



Original Color

233.7430, 16.7810, -1.2590

Achromatopsia

234.0000, -0.0000, 0.0000

Achromatomaly

233.9960, 5.8230, -0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.7430, 16.7810, -1.2590 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(249, 230, 213)` looks like.

```
.text, #text, p{  
    color:rgb(249, 230, 213)  
}
```

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(249, 230, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 230, 213) }
```

Border

The CSS property to change the border of an element to YIQ 233.7430, 16.7810, -1.2590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

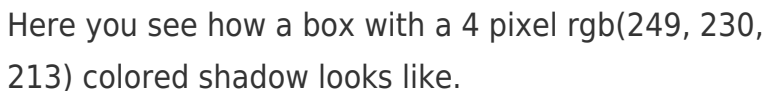
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 230, 213) }
```


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

```
.border{ border-color:rgb(249, 230, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(249, 230, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 230, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 230, 213); box-shadow:4px 4px 4px 4px rgb(249, 230, 213) }
```

Background

The CSS property to change the background color of an element to YIQ 233.7430, 16.7810, -1.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 230, 213) }
```

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

```
.background{ background-color: rgb(249,  
230, 213) }
```

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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