

Converting Colors

YIQ(235.7490, 16.6440, -4.2840)

Have a look what the booklet for
YIQ(235.7490, 16.6440, -4.2840)
contains.

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Color

**YIQ(235.7490, 16.6440,
-4.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EAD2
RGB	249, 234, 210
RGB Percent	98%, 92%, 82%
CMY	0.0235, 0.0824, 0.1764
CMYK	0.00, 0.06, 0.16, 0.02
HSL	37°, 76%, 90%
HSV	37°, 16%, 98%
XYZ	80.1254, 83.6369, 72.9074
YIQ	235.7490, 16.6440, -4.2840

Conversions

Conversions Part 2

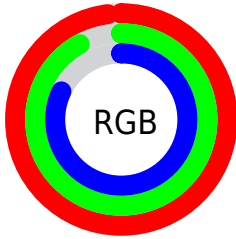
Format	Color
RYB	234, 249, 210
Decimal	16378578
CIELab	93.29, 1.24, 13.46
CIELCh	93, 13.521, 84.725
Yxy	83.6369, 0.3386, 0.3534
Android (android.graphics.Color)	4294568658 (0xFFFF9EAD2)
YUV	235.7490, -12.6943, 11.6211
Hunter-Lab	91.4532, -3.6531, 16.7507

Details

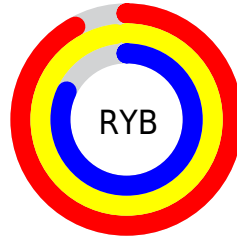
The YIQ color $235.7490, 16.6440, -4.2840$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $223.2510, -16.6440, 4.2840$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.6780, 15.4060, -3.8740$ is the 20% darker color. If you saturate the color by 10%, you get $227.0290, 27.4190, -6.8290$, and if you desaturate by 10%, it is $244.4690, 5.8690, -1.7390$.

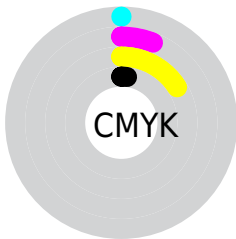
Distribution



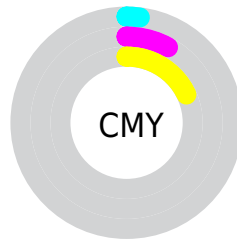
- Red (98%)
- Green (92%)
- Blue (82%)



- Red (92%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (2%)




- Cyan (2%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.7490, 16.6440, -4.2840 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 235.7490, 16.6440, -4.2840 by changing the saturation by 10% instead.


 235.7490, 16.6440,
-4.2840


 235.7490, 16.6440,
-4.2840


255.0000, -0.0000,
-0.0000


 207.4500, 16.0480,
-4.4960

 179.6780, 15.4060,
-3.8740

 153.2650, 15.1310,
-4.3970

 127.3790, 14.8100,
-4.0860

 102.1940, 13.8930,
-3.9870

 78.0090, 12.9760,
-3.8880

 54.8240, 12.0590,

-3.7890

■ 33.5250, 11.4630,
-4.0010

■ 11.5510, 8.5740,
-1.2020

■ 235.7490, 16.6440,
-4.2840

■ 235.7490, 16.6440,
-4.2840

■ 227.0290, 27.4190,
-6.8290

■ 244.4690, 5.8690,
-1.7390

■ 218.8960, 37.9190,
-9.8970

■ 252.0320, -3.0260,
-0.2260

■ 210.1760, 48.6940,
-12.4420

■ 253.2060, -3.5760,
-1.2720

■ 202.0430, 59.1940,
-15.5100

■ 193.4370, 69.6480,
-17.7440

■ 184.7170, 80.4230,
-20.2890

■ 176.5840, 90.9230,
-23.3570

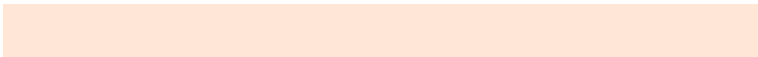
■ 167.8640,
101.6980, -25.9020

■ 164.2620,
106.3290, -27.2310

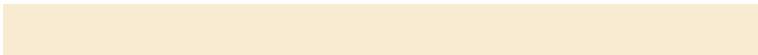
Harmonies

Analogous

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



235.7650, 19.7150, 0.6350



235.7490, 16.6440, -4.2840



234.1390, 6.5580, -8.7220

Triad

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



235.7490, 16.6440, -4.2840



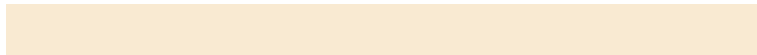
231.3820, -24.8030, -7.5470



238.0860, 6.0500, 11.5060

Complementary

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



235.7490, 16.6440, -4.2840



223.2510, -16.6440, 4.2840

Split Complementary

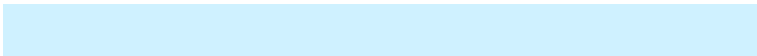
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.4050, -5.2740, 7.4780



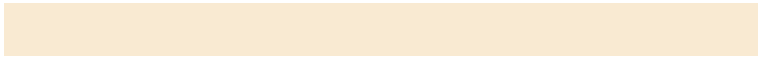
235.7490, 16.6440, -4.2840



232.4300, -24.7580, -2.8540

Square

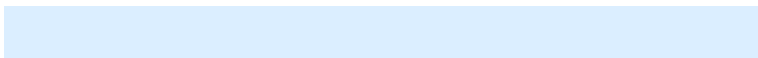
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.7490, 16.6440, -4.2840



231.3950, -17.6500, -10.5300



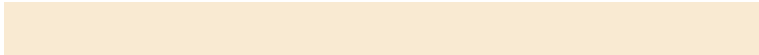
234.2570, -16.7810, 1.2590



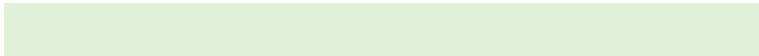
236.7400, 12.8360, 9.6680

Rectangle

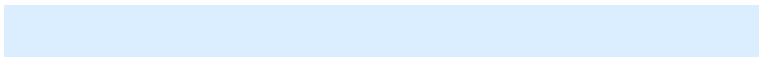
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.7490, 16.6440, -4.2840



233.4800, -1.8320, -10.8560



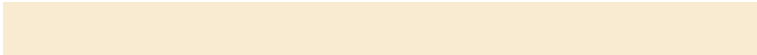
234.2570, -16.7810, 1.2590



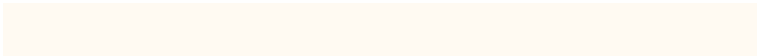
237.5200, 1.8320, 10.8560

Sweetspot

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



235.7490, 16.6440, -4.2840



250.5830, 5.5480, -1.4280



223.4850, 18.1080, 13.2440



125.3270, 3.3930, -0.9190



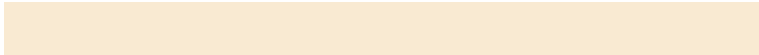
0.0000, 0.0000, 0.0000



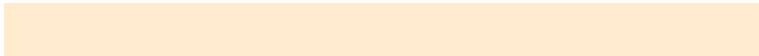
128.0000, -0.0000, -0.0000

Same Dimension

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



235.7490, 16.6440, -4.2840



238.3750, 20.6330, -4.9910



243.3580, 10.1350, -12.9770



120.5830, 5.5480, -1.4280



124.6030, 80.7440, -20.6000



40.5450, 25.9060, -6.9420

Inverse Universe

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



223.2510, -16.6440, 4.2840



223.0380, -20.3580, 5.5140



215.6420, -10.1350, 12.9770



116.4170, -5.5480, 1.4280



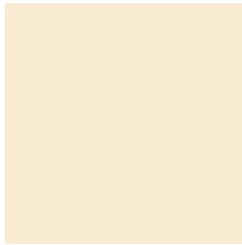
64.3970, -80.7440, 20.6000



21.0420, -26.1810, 6.4190

Previews

White Background



This preview shows how the YIQ color 235.7490, 16.6440, -4.2840 looks on a white background.

Color Contrast Check

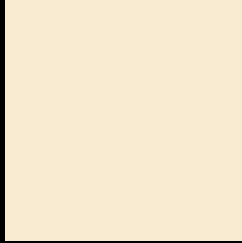
Large Text (above 18pt) WCAG AA × Fail

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 235.7490, 16.6440, -4.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

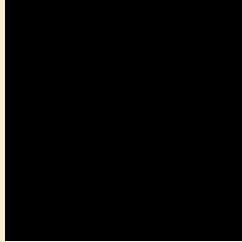
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.7490, 16.6440, -4.2840

Background



This preview shows how black text looks on a background with the YIQ color 235.7490, 16.6440, -4.2840.



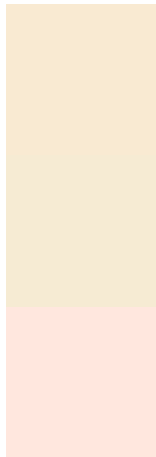
This preview shows how white text looks on a background with the YIQ color 235.7490, 16.6440,

-4.2840.

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

235.7490, 16.6440, -4.2840

Protanopia

235.5530, 14.2600, -5.1320

Deuteranopia

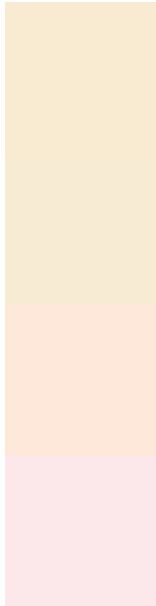
237.1500, 17.1930, 2.2890



Tritanopia

238.5270, 9.1220, 10.8980

Trichromacy



Original Color

235.7490, 16.6440, -4.2840

Protanomaly

235.8520, 14.8560, -4.9200

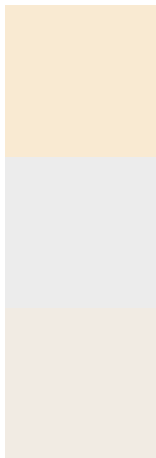
Deuteranomaly

236.6830, 17.0100, 0.0980

Tritanomaly

237.6210, 11.5530, 5.3850

Monochromacy



Original Color

235.7490, 16.6440, -4.2840

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.8820, 6.1440, -1.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.7490, 16.6440, -4.2840 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, 234, 210)` looks like.

```
.text, #text, p{  
    color:rgb(249, 234, 210)  
}
```

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, 234, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 210) }
```

Border

The CSS property to change the border of an element to YIQ 235.7490, 16.6440, -4.2840 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, 234, 210) }
```


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

```
.border{ border-color:rgb(249, 234, 210) }
```

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

Here you see how a box with a 4 pixel rgb(249, 234, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 235.7490, 16.6440, -4.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 210) }
```

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

```
.background{ background-color: rgb(249,  
234, 210) }
```

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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