

Converting Colors

YIQ(234.0420, 17.3770, -1.0470)

Have a look what the booklet for
YIQ(234.0420, 17.3770, -1.0470)
contains.

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Color

**YIQ(234.0420, 17.3770,
-1.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6D5
RGB	250, 230, 213
RGB Percent	98%, 90%, 84%
CMY	0.0196, 0.0980, 0.1646
CMYK	0.00, 0.08, 0.15, 0.02
HSL	28°, 79%, 91%
HSV	28°, 15%, 98%
XYZ	79.7351, 81.7198, 74.5357
YIQ	234.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

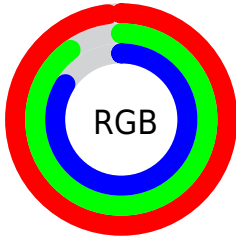
Format	Color
R _Y B	250, 244, 213
Decimal	16443093
CIE Lab	92.45, 4.10, 10.72
CIE LCh	92, 11.478, 69.060
Yxy	81.7198, 0.3379, 0.3463
Android (android.graphics.Color)	4294633173 (0xFFFAE6D5)
YUV	234.0420, -10.3737, 13.9952
Hunter-Lab	90.3990, -0.7551, 14.3936

Details

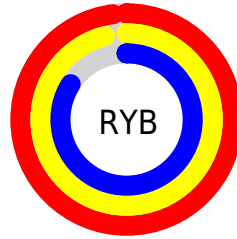
The YIQ color $234.0420, 17.3770, -1.0470$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $228.9580, -17.3770, 1.0470$, and the grayscale version is $234.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $178.4440, 16.1850, -1.4710$ is the 20% darker color. If you saturate the color by 10%, you get $222.9740, 29.2520, -1.5000$, and if you desaturate by 10%, it is $245.1100, 5.5020, -0.5940$.

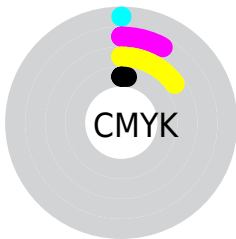
Distribution



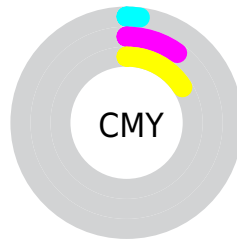
- Red (98%)
- Green (90%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 234.0420, 17.3770, -1.0470 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 234.0420, 17.3770, -1.0470 by changing the saturation by 10% instead.

234.0420, 17.3770,
-1.0470

234.0420, 17.3770,
-1.0470

255.0000, -0.0000,
-0.0000

205.7430, 16.7810,
-1.2590

178.4440, 16.1850,
-1.4710

151.5580, 15.8640,
-1.1600

125.3730, 14.9470,
-1.0610

100.4870, 14.6260,
-0.7500

76.8890, 13.4340,
-1.1740

53.7040, 12.5170,

-1.0750

■ 32.4050, 11.9210,
-1.2870

■ 9.2140, 11.1410,
1.8370

■ 234.0420, 17.3770,
-1.0470

■ 234.0420, 17.3770,
-1.0470

■ 222.9740, 29.2520,
-1.5000

■ 245.1100, 5.5020,
-0.5940

■ 212.4930, 40.8520,
-2.4760

■ 253.5050, -2.9800,
-1.0600

■ 201.4250, 52.7270,
-2.9290

■ 190.9440, 64.3270,
-3.9050

■ 179.8760, 76.2020,
-4.3580

■ 169.3950, 87.8020,
-5.3340

■ 158.3270, 99.6770,
-5.7870

■ 147.8460,
111.2770, -6.7630

■ 142.2550,
117.3750, -7.1450

Harmonies

Analogous

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



234.5740, 18.9350, 3.7590



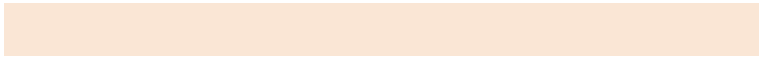
234.0420, 17.3770, -1.0470



232.9870, 10.0420, -5.7820

Triad

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



234.0420, 17.3770, -1.0470



229.6770, -18.3840, -8.2400



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.



234.0420, 17.3770, -1.0470



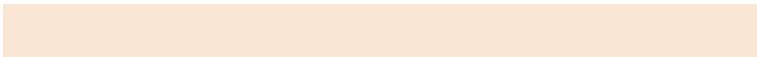
228.9580, -17.3770, 1.0470

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.



233.4150, -11.2340, 5.3580



234.0420, 17.3770, -1.0470



230.3440, -21.6400, -4.2960

Square

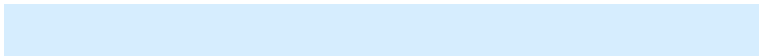
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.0420, 17.3770, -1.0470



230.2280, -9.8100, -9.4420



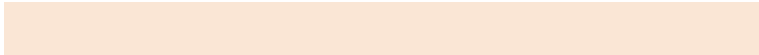
232.0610, -19.1650, 0.4110



235.7720, 9.8100, 9.4420

Rectangle

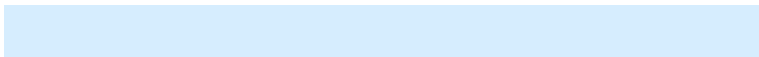
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.0420, 17.3770, -1.0470



231.9970, 4.0820, -7.9020



232.0610, -19.1650, 0.4110



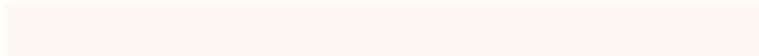
234.7040, -4.6780, 7.6900

Sweetspot

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



234.0420, 17.3770, -1.0470



250.3380, 4.8600, 0.0280



226.3430, 15.6320, 14.0640



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



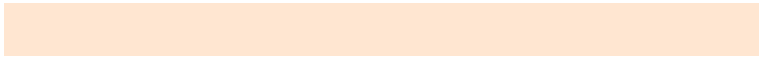
128.0000, -0.0000, -0.0000

Same Dimension

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



234.0420, 17.3770, -1.0470



235.0810, 21.6410, -1.2310



244.6080, 12.4270, -10.4610



119.4090, 6.0980, -0.3820



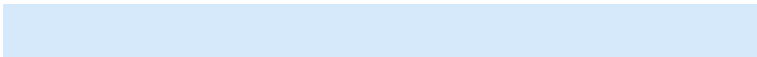
107.5800, 88.7190, -5.4330



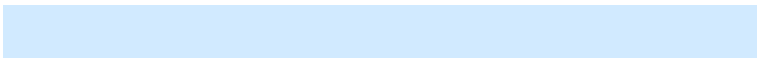
34.6750, 28.6560, -1.7120

Inverse Universe

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



228.9580, -17.3770, 1.0470



228.9190, -21.6410, 1.2310



218.3920, -12.4270, 10.4610



117.5910, -6.0980, 0.3820



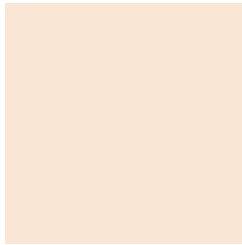
81.4200, -88.7190, 5.4330



26.3250, -28.6560, 1.7120

Previews

White Background



This preview shows how the YIQ color 234.0420, 17.3770, -1.0470 looks on a white background.

Color Contrast Check

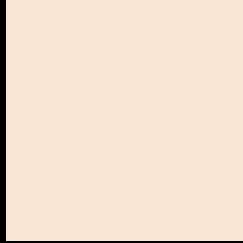
Large Text (above 18pt) WCAG AA × Fail

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 234.0420, 17.3770, -1.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

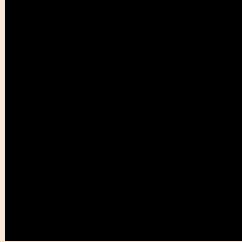
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 234.0420, 17.3770, -1.0470

Background



This preview shows how black text looks on a background with the YIQ color 234.0420, 17.3770, -1.0470.



This preview shows how white text looks on a background with the YIQ color 234.0420, 17.3770,

-1.0470.

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

234.0420, 17.3770, -1.0470

Protanopia

233.5250, 11.4630, -4.0010

Deuteranopia

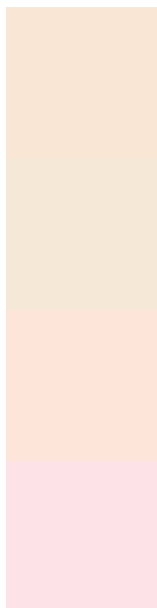
235.1610, 18.6600, 3.2360



Tritanopia

236.3100, 11.2310, 11.2230

Trichromacy



Original Color

234.0420, 17.3770, -1.0470

Protanomaly

233.8350, 13.5260, -2.8420

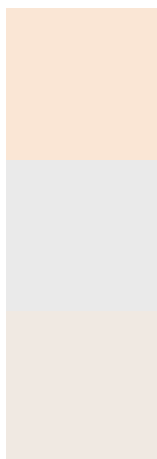
Deuteranomaly

234.8080, 18.1560, 1.3560

Tritanomaly

235.3440, 13.8910, 7.0670

Monochromacy



Original Color

234.0420, 17.3770, -1.0470

Achromatopsia

234.0000, -0.0000, 0.0000

Achromatomaly

234.2950, 6.4190, -0.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.0420, 17.3770, -1.0470 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(250, 230, 213)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 230, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 213) }
```

Border

The CSS property to change the border of an element to YIQ 234.0420, 17.3770, -1.0470 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(250, 230, 213) }
```


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

```
.border{ border-color:rgb(250, 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(250, 230, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 213);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 234.0420, 17.3770, -1.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 213) }
```

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

```
.background{ background-color: rgb(250,  
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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