

Converting Colors

YIQ(237.4750, 14.9000, 5.3000)

Have a look what the booklet for
YIQ(237.4750, 14.9000, 5.3000)
contains.

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Color

**YIQ(237.4750, 14.9000,
5.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6E6
RGB	255, 230, 230
RGB Percent	100%, 90%, 90%
CMY	0.0000, 0.0981, 0.0980
CMYK	0.00, 0.10, 0.10, 0.00
HSL	360°, 100%, 95%
HSV	360°, 10%, 100%
XYZ	83.8189, 83.5618, 86.5853
YIQ	237.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

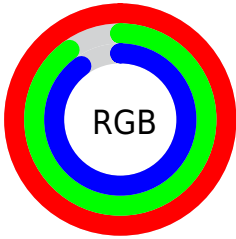
Format	Color
R _Y B	255, 230, 230
Decimal	16770790
CIE Lab	93.26, 8.53, 3.09
CIE LCh	93, 9.074, 19.885
Yxy	83.5618, 0.3300, 0.3290
Android (android.graphics.Color)	4294960870 (0xFFFFE6E6)
YUV	237.4750, -3.6852, 15.3694
Hunter-Lab	91.4121, 3.7015, 7.8292

Details

The YIQ color $237.4750, 14.9000, 5.3000$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $247.5250, -14.9000, -5.3000$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.2900, 13.9830, 5.3990$ is the 20% darker color. If you saturate the color by 10%, you get $219.3630, 30.0750, 11.1230$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

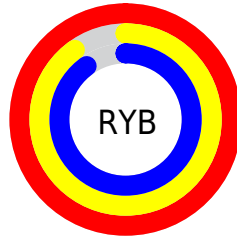
Distribution



Red (100%)

Green (90%)

Blue (90%)



Red (100%)

Yellow (90%)

Blue (90%)

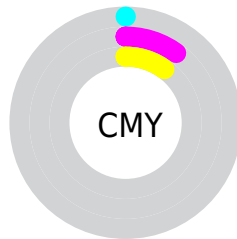


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.4750, 14.9000, 5.3000 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 237.4750, 14.9000, 5.3000 by changing the saturation by 10% instead.

237.4750, 14.9000,
5.3000

237.4750, 14.9000,
5.3000

255.0000, -0.0000,
-0.0000

209.1760, 14.3040,
5.0880

181.2900, 13.9830,
5.3990

154.8770, 13.7080,
4.8760

128.5780, 13.1120,
4.6640

103.2790, 12.5160,
4.4520

79.0940, 11.5990,
4.5510

56.6810, 11.3240,

4.0280

■ 35.0830, 10.1320,
3.6040

■ 11.8770, 13.7080,
4.8760

■ 237.4750, 14.9000,
5.3000

■ 237.4750, 14.9000,
5.3000

■ 219.3630, 30.0750,
11.1230

255.0000, -0.0000,
-0.0000

■ 201.7240, 45.2960,
16.1120

■ 183.6120, 60.4710,
21.9350

■ 165.9730, 75.6920,
26.9240

■ 147.8610, 90.8670,
32.7470

■ 130.2220,
106.0880, 37.7360

■ 112.1100,
121.2630, 43.5590

■ 94.4710, 136.4840,
48.5480

■ 76.3590, 151.6590,
54.3710

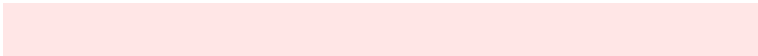
Harmonies

Analogous

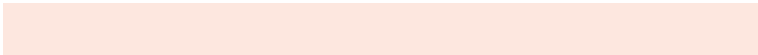
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.6040, 10.2230, 7.4630



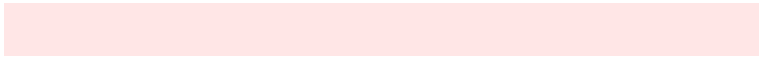
237.4750, 14.9000, 5.3000



236.6660, 15.6800, 2.1760

Triad

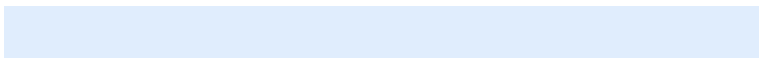
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.4750, 14.9000, 5.3000



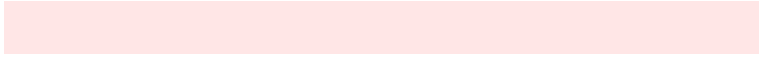
233.7020, -2.3370, -7.2090



234.9370, -12.8840, 2.2200

Complementary

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



237.4750, 14.9000, 5.3000



247.5250, -14.9000, -5.3000

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.



233.8500, -17.1930, -2.2890



237.4750, 14.9000, 5.3000



233.0970, -10.8190, -7.6750

Square

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



237.4750, 14.9000, 5.3000



234.9480, 5.7780, -5.5980



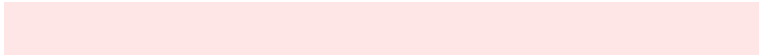
232.9270, -16.0920, -5.7240



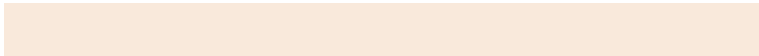
236.0520, -5.7780, 5.5980

Rectangle

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



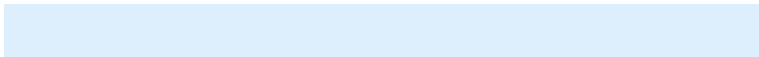
237.4750, 14.9000, 5.3000



236.1880, 14.0300, -0.9620



232.9270, -16.0920, -5.7240



234.5130, -14.6260, 0.7500

Sweetspot

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



237.4750, 14.9000, 5.3000



249.3920, 4.7680, 1.6960



240.3250, 6.8750, 13.0750



123.7940, 3.5760, 1.2720



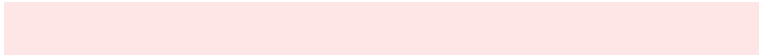
0.0000, 0.0000, 0.0000



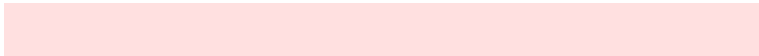
128.0000, -0.0000, -0.0000

Same Dimension

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



237.4750, 14.9000, 5.3000



233.2690, 18.4760, 6.5720



244.5190, 11.6000, -0.9760



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



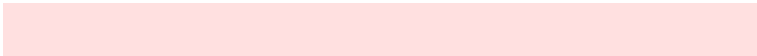
19.1360, 38.1440, 13.5680

Inverse Universe

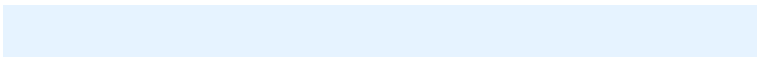
The Inverse Universe completely reimagines the original color for something new.



237.4750, 14.9000, 5.3000



233.2690, 18.4760, 6.5720



240.4810, -11.6000, 0.9760



118.8870, 7.7480, 2.7560



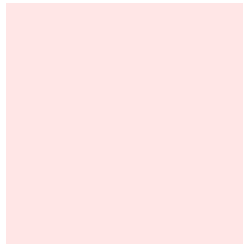
57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 237.4750, 14.9000, 5.3000 looks on a white background.

Color Contrast Check

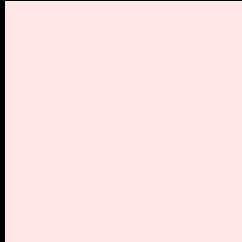
Large Text (above 18pt) WCAG AA × Fail

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 237.4750, 14.9000, 5.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

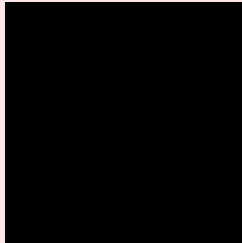
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

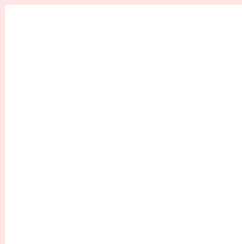
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 237.4750, 14.9000, 5.3000

Background



This preview shows how black text looks on a background with the YIQ color 237.4750, 14.9000, 5.3000.



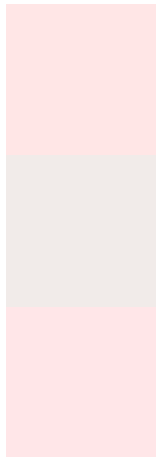
This preview shows how white text looks on a background with the YIQ color 237.4750, 14.9000,

5.3000.

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

237.4750, 14.9000, 5.3000

Protanopia

236.5660, 4.2180, 0.6500

Deuteranopia

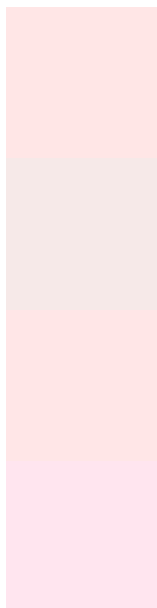
237.7030, 14.2580, 5.9220



Tritanopia

237.8970, 10.9560, 10.7000

Trichromacy



Original Color

237.4750, 14.9000, 5.3000

Protanomaly

236.7730, 8.0690, 2.4450

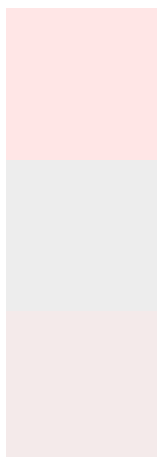
Deuteranomaly

237.5890, 14.5790, 5.6110

Tritanomaly

237.9140, 12.2860, 8.6220

Monochromacy



Original Color

237.4750, 14.9000, 5.3000

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

236.9900, 5.9600, 2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.4750, 14.9000, 5.3000 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, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 230)  
}
```

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, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 230) }
```

Border

The CSS property to change the border of an element to YIQ 237.4750, 14.9000, 5.3000 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, 230, 230) }
```


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

```
.border{ border-color:rgb(255, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 237.4750, 14.9000, 5.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 230) }
```

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

```
.background{ background-color: rgb(255,  
230, 230) }
```

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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