

Converting Colors

YIQ(230.4630, 48.4230,
-35.0730)

Have a look what the booklet for
YIQ(230.4630, 48.4230, -35.0730)
contains.

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Color

**YIQ(230.4630, 48.4230,
-35.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF075
RGB	255, 240, 117
RGB Percent	100%, 94%, 46%
CMY	0.0000, 0.0588, 0.5409
CMYK	0.00, 0.06, 0.54, 0.00
HSL	53°, 100%, 73%
HSV	53°, 54%, 100%
XYZ	75.6095, 84.8604, 29.2469
YIQ	230.4630, 48.4230, -35.0730

Conversions

Conversions Part 2

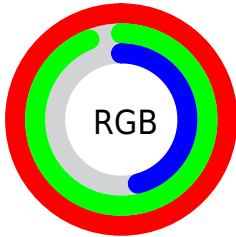
Format	Color
R_{YB}	134, 255, 117
Decimal	16773237
CIE _{Lab}	93.82, -10.09, 60.31
CIE _{LCh}	94, 61.144, 99.497
Yxy	84.8604, 0.3985, 0.4473
Android (android.graphics.Color)	4294963317 (0xFFFFFFFF075)
YUV	230.4630, -55.9373, 21.5189
Hunter-Lab	92.1197, -14.7012, 45.6599

Details

The YIQ color **230.4630, 48.4230, -35.0730** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **141.5370, -48.4230, 35.0730**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.5380, 26.6430, -25.8130**, and **173.7940, 45.9930, -35.0870** is the 20% darker color. If you saturate the color by 10%, you get **225.8520, 57.2730, -41.2790**, and if you desaturate by 10%, it is **235.1880, 39.2520, -28.5560**.

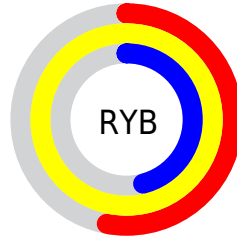
Distribution



Red (100%)

Green (94%)

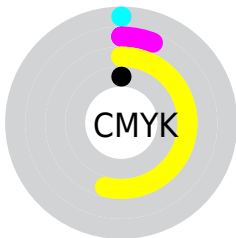
Blue (46%)



Red (53%)

Yellow (100%)

Blue (46%)

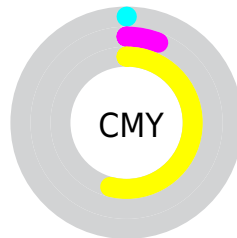


Cyan (0%)

Magenta (6%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 230.4630, 48.4230, -35.0730 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 230.4630, 48.4230, -35.0730 by changing the saturation by 10% instead.


 230.4630, 48.4230,
-35.0730


 230.4630, 48.4230,
-35.0730


255.0000, -0.0000,
-0.0000


 201.9790, 46.9100,
-35.1860

 245.5380, 26.6430,
-25.8130


 173.7940, 45.9930,
-35.0870


 248.7300, 17.6550,
-17.1050

 145.9680, 45.4430,
-36.1330

 252.0360, 8.3460,
-8.0860

 119.0450, 46.5440,
-39.5680

 95.9980, 36.7310,
-32.4290

 73.8370, 27.2390,
-25.6010

 52.5620, 18.0680,

-19.0840

■ 32.1730, 9.2180,
-12.8780

■ 11.1530, -5.2250,
-9.9370

■ 230.4630, 48.4230,
-35.0730

■ 230.4630, 48.4230,
-35.0730

■ 225.8520, 57.2730,
-41.2790

■ 235.1880, 39.2520,
-28.5560

■ 221.1270, 66.4440,
-47.7960

■ 239.7990, 30.4020,
-22.3500

■ 217.1030, 75.0190,
-54.5250

■ 243.9370, 21.5060,
-15.3100

■ 212.3780, 84.1900,
-61.0420

■ 248.5480, 12.6560,
-9.1040

■ 209.4940, 89.5550,
-64.6610

■ 253.2730, 3.4850,
-2.5870

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

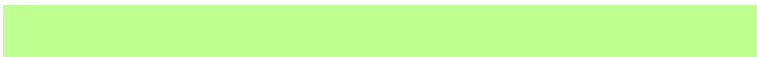
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.7490, 51.0340, -21.8140



230.4630, 48.4230, -35.0730



223.0960, -2.1920, -48.4000

Triad

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



230.4630, 48.4230, -35.0730



178.7550, -151.9800, -54.0600



219.7800, 16.5000, 31.3800

Complementary

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



230.4630, 48.4230, -35.0730



141.5370, -48.4230, 35.0730

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.



231.5200, 11.0000, 20.9200



230.4630, 48.4230, -35.0730



178.7550, -151.9800, -54.0600

Square

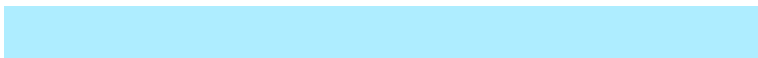
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.4630, 48.4230, -35.0730



178.7550, -151.9800, -54.0600



220.2150, -43.3260, -7.7580



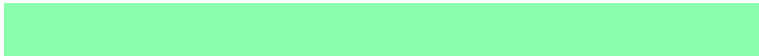
211.7950, 29.3390, 24.4670

Rectangle

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



230.4630, 48.4230, -35.0730



211.4950, -42.8600, -49.2600



220.2150, -43.3260, -7.7580



222.7150, 15.1250, 28.7650

Sweetspot

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



230.4630, 48.4230, -35.0730



247.9780, 14.2610, -10.6590



160.0860, 77.1120, 34.2320



123.3890, 8.8500, -6.2060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

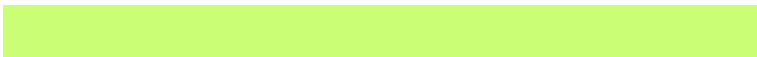
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.4630, 48.4230, -35.0730



225.5100, 58.2360, -42.2120



223.4210, 12.7100, -54.1540



125.3440, 4.7230, -2.9970



156.8990, 67.0860, -48.4180



52.5950, 22.4690, -16.2430

Inverse Universe

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



141.5370, -48.4230, 35.0730



118.4900, -58.2360, 42.2120



148.5790, -12.7100, 54.1540



117.0690, -4.4480, 3.5200



34.1010, -67.0860, 48.4180



11.4050, -22.4690, 16.2430

Previews

White Background



This preview shows how the YIQ color 230.4630, 48.4230, -35.0730 looks on a white background.

Color Contrast Check

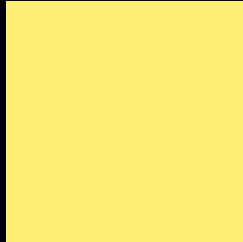
Large Text (above 18pt) WCAG AA × Fail

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 230.4630, 48.4230, -35.0730 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 230.4630, 48.4230, -35.0730

Background



This preview shows how black text looks on a background with the YIQ color 230.4630, 48.4230, -35.0730.



This preview shows how white text looks on a background with the YIQ color 230.4630, 48.4230,

-35.0730.

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

230.4630, 48.4230, -35.0730

Protanopia

234.1740, 33.8400, -18.5760

Deuteranopia

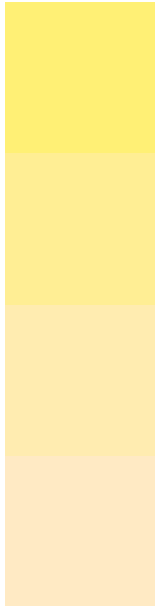
237.5430, 20.2200, -3.0120



Tritanopia

239.3160, 11.0940, 8.1980

Trichromacy



Original Color

230.4630, 48.4230, -35.0730

Protanomaly

232.8230, 39.0220, -24.3860

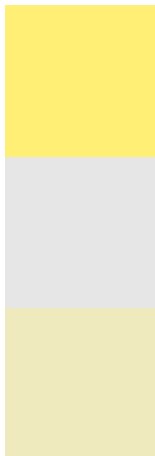
Deuteranomaly

234.8410, 30.5840, -14.6320

Tritanomaly

235.9470, 24.7140, -7.3660

Monochromacy



Original Color

230.4630, 48.4230, -35.0730

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.3650, 17.4250, -12.9350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.4630, 48.4230, -35.0730 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, 240, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 117)  
}
```

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, 240, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 117) }
```

Border

The CSS property to change the border of an element to YIQ 230.4630, 48.4230, -35.0730 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, 240, 117) }
```


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

```
.border{ border-color:rgb(255, 240, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 230.4630, 48.4230, -35.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 117) }
```

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

```
.background{ background-color: rgb(255,  
240, 117) }
```

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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