

Converting Colors

YIQ(230.3370, 57.0450,
-48.1630)

Have a look what the booklet for
YIQ(230.3370, 57.0450, -48.1630)
contains.

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Color

**YIQ(230.3370, 57.0450,
-48.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF655
RGB	255, 246, 85
RGB Percent	100%, 96%, 33%
CMY	0.0001, 0.0353, 0.6663
CMYK	0.00, 0.04, 0.67, 0.00
HSL	57°, 100%, 67%
HSV	57°, 67%, 100%
XYZ	75.8303, 87.8225, 21.5677
YIQ	230.3370, 57.0450, -48.1630

Conversions

Conversions Part 2

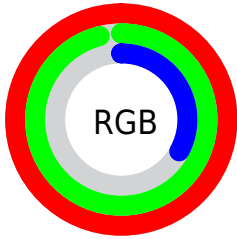
Format	Color
R_{YB}	95, 255, 85
Decimal	16774741
CIE _{Lab}	95.09, -15.08, 74.94
CIE _{LCh}	95, 76.445, 101.379
Yxy	87.8225, 0.4094, 0.4742
Android (android.graphics.Color)	4294964821 (0xFFFFF655)
YUV	230.3370, -71.6511, 21.6295
Hunter-Lab	93.7136, -19.5619, 51.9542

Details

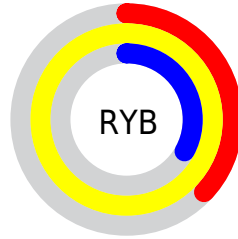
The YIQ color **230.3370, 57.0450, -48.1630** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **109.6630, -57.0450, 48.1630**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.1180, 36.2730, -35.1430**, and **171.2030, 60.1180, -54.2980** is the 20% darker color. If you saturate the color by 10%, you get **226.9000, 65.3450, -55.4150**, and if you desaturate by 10%, it is **233.8880, 48.4240, -40.6000**.

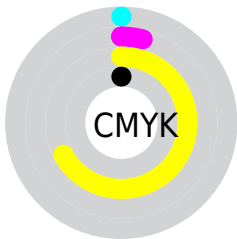
Distribution



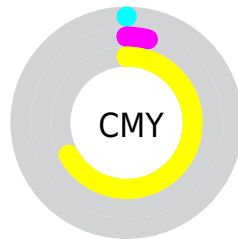
- Red (100%)
- Green (96%)
- Blue (33%)



- Red (37%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (4%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.3370, 57.0450, -48.1630 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 230.3370, 57.0450, -48.1630 by changing the saturation by 10% instead.

230.3370, 57.0450,
-48.1630

230.3370, 57.0450,
-48.1630

255.0000, -0.0000,
-0.0000

201.5110, 56.4950,
-49.2090

242.1180, 36.2730,
-35.1430

171.2030, 60.1180,
-54.2980

245.4240, 26.9640,
-26.1240

145.0160, 53.5150,
-50.2690

248.7300, 17.6550,
-17.1050

121.0830, 43.3810,
-42.8190

252.0360, 8.3460,
-8.0860

98.0360, 33.5680,
-35.6800

75.8750, 24.0760,
-28.8520

53.7140, 14.5840,

-22.0240

■ 33.6130, 4.8630,
-16.5530

■ 14.0880, -6.6000,
-12.5520

■ 230.3370, 57.0450,
-48.1630

■ 230.3370, 57.0450,
-48.1630

■ 226.9000, 65.3450,
-55.4150

■ 233.8880, 48.4240,
-40.6000

■ 222.7620, 74.2410,
-62.4550

■ 237.9120, 39.8490,
-33.8710

■ 219.3250, 82.5410,
-69.7070

■ 241.4630, 31.2280,
-26.3080

■ 218.2990, 85.4300,
-72.5060

■ 244.9000, 22.9280,
-19.0560

249.0380, 14.0320,
-12.0160

252.4750, 5.7320,
-4.7640

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

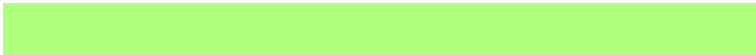
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.3290, 60.6640, -31.1440



230.3370, 57.0450, -48.1630



215.8470, -6.2250, -57.9130

Triad

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



230.3370, 57.0450, -48.1630



178.7550, -151.9800, -54.0600



212.1490, 20.0750, 38.1790

Complementary

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



230.3370, 57.0450, -48.1630



109.6630, -57.0450, 48.1630

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.



228.5850, 12.3750, 23.5350



230.3370, 57.0450, -48.1630



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.



230.3370, 57.0450, -48.1630



178.7550, -151.9800, -54.0600



216.0070, -54.6040, -12.6200



203.4800, 34.8400, 29.4000

Rectangle

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



230.3370, 57.0450, -48.1630



197.4270, -66.5160, -61.0760



216.0070, -54.6040, -12.6200



216.8450, 17.8750, 33.9950

Sweetspot

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



230.3370, 57.0450, -48.1630



247.4250, 17.1960, -14.2920



137.0840, 97.7890, 39.4610



123.2920, 10.5010, -8.5950



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.



230.3370, 57.0450, -48.1630



225.2870, 68.5090, -57.6910



213.4940, 10.4660, -68.5580



125.9310, 4.4480, -3.5200



163.3560, 64.0610, -54.1710



54.3560, 21.6440, -17.8120

Inverse Universe

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



109.6630, -57.0450, 48.1630



80.7130, -68.5090, 57.6910



126.5060, -10.4660, 68.5580



116.4820, -4.1730, 4.0430



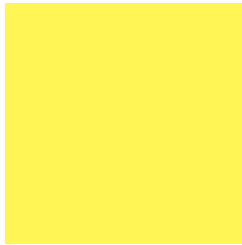
27.6440, -64.0610, 54.1710



9.0570, -21.3690, 18.3350

Previews

White Background



This preview shows how the YIQ color 230.3370, 57.0450, -48.1630 looks on a white background.

Color Contrast Check

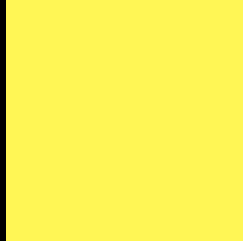
Large Text (above 18pt) WCAG AA × Fail

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 230.3370, 57.0450, -48.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

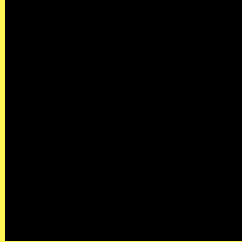
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.3370, 57.0450, -48.1630

Background



This preview shows how black text looks on a background with the YIQ color 230.3370, 57.0450, -48.1630.



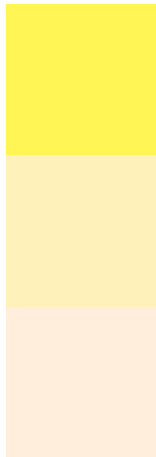
This preview shows how white text looks on a background with the YIQ color 230.3370, 57.0450, -48.1630.

-48.1630.

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

230.3370, 57.0450, -48.1630

Protanopia

238.8020, 26.3200, -14.4480

Deuteranopia

240.9170, 16.2310, -2.3050



Tritanopia

242.5930, 8.7560, 6.5160

Trichromacy



Original Color

230.3370, 57.0450, -48.1630



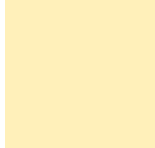
Protanomaly

235.8720, 37.3260, -26.6900



Deuteranomaly

237.0920, 31.1350, -19.1130



Tritanomaly

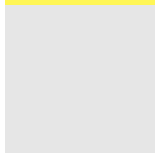
238.3290, 26.2740, -13.6140

Monochromacy



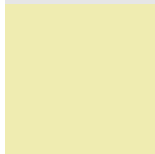
Original Color

230.3370, 57.0450, -48.1630



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

230.1710, 20.7270, -17.7130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.3370, 57.0450, -48.1630 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, 246, 85)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 85)  
}
```

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, 246, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 85) }
```

Border

The CSS property to change the border of an element to YIQ 230.3370, 57.0450, -48.1630 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, 246, 85) }
```


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

```
.border{ border-color:rgb(255, 246, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 230.3370, 57.0450, -48.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 85) }
```

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

```
.background{ background-color: rgb(255,  
246, 85) }
```

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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