

Converting Colors

YIQ(203.4930, 74.1010,
-48.8990)

Have a look what the booklet for
YIQ(203.4930, 74.1010, -48.8990)
contains.

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Color

**YIQ(203.4930, 74.1010,
-48.8990)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D726
RGB	244, 215, 38
RGB Percent	96%, 84%, 15%
CMY	0.0432, 0.1569, 0.8505
CMYK	0.00, 0.12, 0.84, 0.04
HSL	52°, 90%, 55%
HSV	52°, 84%, 96%
XYZ	61.9534, 67.9663, 11.6965
YIQ	203.4930, 74.1010, -48.8990

Conversions

Conversions Part 2

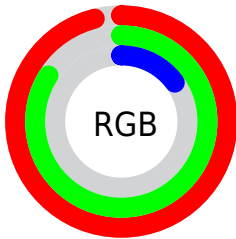
Format	Color
R_{YB}	72, 244, 38
Decimal	16045862
CIE _{Lab}	85.99, -6.09, 80.77
CIE _{LCh}	86, 80.999, 94.310
Yxy	67.9663, 0.4375, 0.4799
Android (android.graphics.Color)	4294235942 (0xFFFF4D726)
YUV	203.4930, -81.5880, 35.5246
Hunter-Lab	82.4417, -10.1334, 49.2973

Details

The YIQ color **203.4930, 74.1010, -48.8990** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **78.5070, -74.1010, 48.8990**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.6720, 48.7920, -47.2720**, and **149.2240, 64.7930, -45.4070** is the 20% darker color. If you saturate the color by 10%, you get **198.9960, 82.6300, -54.7940**, and if you desaturate by 10%, it is **208.1040, 65.2510, -42.6930**.

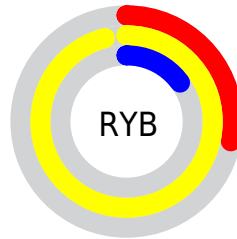
Distribution



Red (96%)

Green (84%)

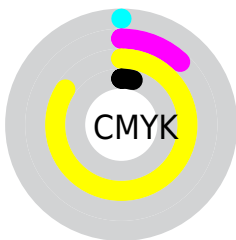
Blue (15%)



Red (28%)

Yellow (96%)

Blue (15%)

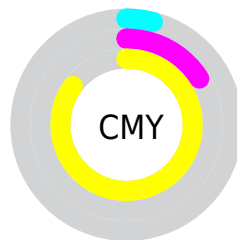


Cyan (0%)

Magenta (12%)

Yellow (84%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.4930, 74.1010, -48.8990 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 203.4930, 74.1010, -48.8990 by changing the saturation by 10% instead.

■ 203.4930, 74.1010,
-48.8990

■ 203.4930, 74.1010,
-48.8990

■ 255.0000, -0.0000,
-0.0000

■ 173.4560, 75.5230,
-52.6450

■ 237.6720, 48.7920,
-47.2720

■ 149.2240, 64.7930,
-45.4070

■ 240.9780, 39.4830,
-38.2530

■ 124.9920, 54.0630,
-38.1690

■ 244.2840, 30.1740,
-29.2340

■ 101.9450, 44.2500,
-31.0300

■ 247.5900, 20.8650,
-20.2150

■ 79.1860, 33.5660,
-24.6260

■ 250.8960, 11.5560,
-11.1960

■ 57.6120, 23.7990,
-18.3210

■ 254.3160, 1.9260,

■ 36.9240, 14.3530,

-1.8660

-12.3270

■ 17.9970, 4.0820,
-7.9020

■ 0.0000, 0.0000,
0.0000

■ 203.4930, 74.1010,
-48.8990

■ 203.4930, 74.1010,
-48.8990

■ 198.9960, 82.6300,
-54.7940

■ 208.1040, 65.2510,
-42.6930

■ 196.2260, 87.6740,
-58.1020

■ 213.1880, 56.4470,
-37.3210

■ 217.6850, 47.9180,
-31.4260

■ 222.8830, 38.7930,
-25.7430

■ 227.3800, 30.2640,
-19.8480

■ 232.5780, 21.1390,
-14.1650

■ 237.0750, 12.6100,
-8.2700

■ 241.5720, 4.0810,
-2.3750

■ 246.4280, -4.0810,
2.3750

Harmonies

Analogous

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



193.5210, 78.0390, -21.1370



203.4930, 74.1010, -48.8990



195.9440, 9.3190, -64.2890

Triad

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



203.4930, 74.1010, -48.8990



175.8200, -150.6050, -51.4450



197.4740, 26.9500, 51.2540

Complementary

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



203.4930, 74.1010, -48.8990



78.5070, -74.1010, 48.8990

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.



209.6690, 3.5710, 28.9070



203.4930, 74.1010, -48.8990



169.9500, -147.8550, -46.2150

Square

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



203.4930, 74.1010, -48.8990



172.8730, -140.9290, -61.6090



158.2100, -142.3550, -35.7550



182.6100, 46.7580, 44.6940

Rectangle

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



203.4930, 74.1010, -48.8990



183.2200, -53.1720, -71.6360



158.2100, -142.3550, -35.7550



203.3440, 24.2000, 46.0240

Sweetspot

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



203.4930, 74.1010, -48.8990



242.4210, 23.0190, -15.1970



103.1280, 112.8250, 53.3130



120.0320, 14.1690, -8.9910



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.



203.4930, 74.1010, -48.8990



204.7980, 91.7550, -60.4770



198.9880, 23.2140, -79.3300



120.0450, 4.1270, -3.2090



149.5340, 66.8560, -44.2480



46.9910, 21.4140, -13.6420

Inverse Universe

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



78.5070, -74.1010, 48.8990



50.2020, -91.7550, 60.4770



83.0120, -23.2140, 79.3300



112.5420, -4.4020, 2.6860



36.4660, -66.8560, 44.2480



11.4220, -21.1390, 14.1650

Previews

White Background



This preview shows how the YIQ color 203.4930, 74.1010, -48.8990 looks on a white background.

Color Contrast Check

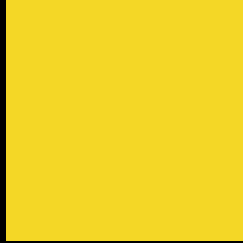
Large Text (above 18pt) WCAG AA × Fail

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 203.4930, 74.1010, -48.8990 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 203.4930, 74.1010, -48.8990

Background



This preview shows how black text looks on a background with the YIQ color 203.4930, 74.1010, -48.8990.



This preview shows how white text looks on a background with the YIQ color 203.4930, 74.1010, -48.8990.

-48.8990.

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

203.4930, 74.1010, -48.8990

Protanopia

203.4820, 72.6340, -49.8460

Deuteranopia

213.2750, 52.7290, -13.9830



Tritanopia

218.8560, 27.3690, 16.1130

Trichromacy



Original Color

203.4930, 74.1010, -48.8990

Protanomaly

203.7810, 73.2300, -49.6340

Deuteranomaly

209.9640, 60.4340, -26.9740

Tritanomaly

213.1850, 44.4750, -7.5650

Monochromacy



Original Color

203.4930, 74.1010, -48.8990

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.9930, 27.1000, -17.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.4930, 74.1010, -48.8990 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(244, 215, 38)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 38)  
}
```

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(244, 215, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 38) }
```

Border

The CSS property to change the border of an element to YIQ 203.4930, 74.1010, -48.8990 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(244, 215, 38) }
```


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

```
.border{ border-color:rgb(244, 215, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 38);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 203.4930, 74.1010, -48.8990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 38) }
```

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

```
.background{ background-color: rgb(244,  
215, 38) }
```

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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