

Converting Colors

YIQ(200.9830, 75.4770,
-51.8110)

Have a look what the booklet for
YIQ(200.9830, 75.4770, -51.8110)
contains.

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Color

**YIQ(200.9830, 75.4770,
-51.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D61D
RGB	241, 214, 29
RGB Percent	95%, 84%, 11%
CMY	0.0550, 0.1608, 0.8858
CMYK	0.00, 0.11, 0.88, 0.05
HSL	52°, 88%, 53%
HSV	52°, 88%, 95%
XYZ	60.5379, 66.8749, 10.8872
YIQ	200.9830, 75.4770, -51.8110

Conversions

Conversions Part 2

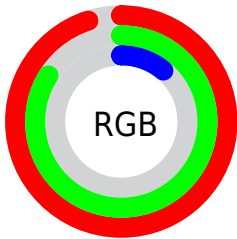
Format	Color
RYB	60, 241, 29
Decimal	15848989
CIELab	85.44, -7.05, 82.07
CIElCh	85, 82.371, 94.909
Yxy	66.8749, 0.4377, 0.4835
Android (android.graphics.Color)	4294039069 (0xFFFF1D61D)
YUV	200.9830, -84.7876, 35.0949
Hunter-Lab	81.7771, -10.9699, 49.3505

Details

The YIQ color **200.9830, 75.4770, -51.8110** 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 **69.0170, -75.4770, 51.8110**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.1020, 50.3970, -48.8270**, and **147.7400, 63.2800, -45.5200** is the 20% darker color. If you saturate the color by 10%, you get **196.4860, 84.0060, -57.7060**, and if you desaturate by 10%, it is **205.4800, 66.9480, -45.9160**.

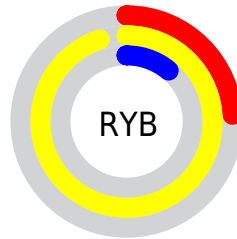
Distribution



Red (95%)

Green (84%)

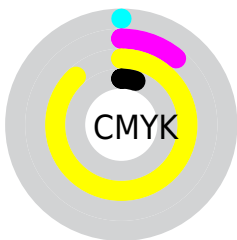
Blue (11%)



Red (24%)

Yellow (95%)

Blue (11%)

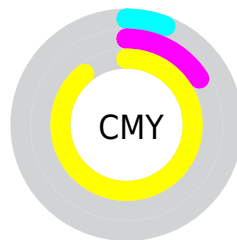


Cyan (0%)

Magenta (11%)

Yellow (88%)

Black (5%)



Cyan (6%)

Magenta (16%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.9830, 75.4770, -51.8110 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 200.9830, 75.4770, -51.8110 by changing the saturation by 10% instead.

200.9830, 75.4770,
-51.8110

200.9830, 75.4770,
-51.8110

255.0000, -0.0000,
-0.0000

171.9720, 74.0100,
-52.7580

237.1020, 50.3970,
-48.8270

147.7400, 63.2800,
-45.5200

240.4080, 41.0880,
-39.8080

123.8070, 53.1460,
-38.0700

243.7140, 31.7790,
-30.7890

100.4610, 42.7370,
-31.1430

247.0200, 22.4700,
-21.7700

77.7020, 32.0530,
-24.7390

250.4400, 12.8400,
-12.4400

56.1280, 22.2860,
-18.4340

253.7460, 3.5310,

36.0270, 12.5650,

-3.4210

-12.9630

■ 15.9150, 1.3770,
-8.4390

■ 0.0000, 0.0000,
0.0000

■ 200.9830, 75.4770,
-51.8110

■ 200.9830, 75.4770,
-51.8110

■ 196.4860, 84.0060,
-57.7060

■ 205.4800, 66.9480,
-45.9160

■ 195.3290, 85.8860,
-58.7380

■ 209.9770, 58.4190,
-40.0210

■ 214.4740, 49.8900,
-34.1260

■ 219.0850, 41.0400,
-27.9200

■ 223.5820, 32.5110,
-22.0250

■ 228.0790, 23.9820,
-16.1300

■ 232.5760, 15.4530,
-10.2350

■ 237.6600, 6.6490,
-4.8630

■ 242.1570, -1.8800,
1.0320

Harmonies

Analogous

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



192.2500, 80.2400, -22.4800



200.9830, 75.4770, -51.8110



193.5200, 7.5770, -65.7590

Triad

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



200.9830, 75.4770, -51.8110



175.2330, -150.3300, -50.9220



195.1260, 28.0500, 53.3460

Complementary

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



200.9830, 75.4770, -51.8110



69.0170, -75.4770, 51.8110

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.



208.2070, 4.9920, 30.6880



200.9830, 75.4770, -51.8110



169.3630, -147.5800, -45.6920

Square

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



200.9830, 75.4770, -51.8110



172.2860, -140.6540, -61.0860



157.0360, -141.8050, -34.7090



179.9200, 48.8210, 45.8530

Rectangle

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



200.9830, 75.4770, -51.8110



179.8280, -57.9400, -73.3320



157.0360, -141.8050, -34.7090



201.5830, 25.0250, 47.5930

Sweetspot

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



200.9830, 75.4770, -51.8110



242.7800, 23.3860, -16.3420



95.5800, 117.3640, 53.6520



119.9180, 14.4900, -9.3020



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.



200.9830, 75.4770, -51.8110



207.1460, 90.6550, -62.5690



193.5100, 21.5640, -82.4680



117.4580, 4.4020, -2.6860



148.9360, 65.6640, -44.6720



45.5070, 19.9010, -13.7550

Inverse Universe

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



69.0170, -75.4770, 51.8110



47.8540, -90.6550, 62.5690



76.4900, -21.5640, 82.4680



109.9550, -4.1270, 3.2090



34.4770, -65.3890, 45.1950



10.4930, -19.9010, 13.7550

Previews

White Background



This preview shows how the YIQ color 200.9830, 75.4770, -51.8110 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 200.9830, 75.4770, -51.8110 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 200.9830, 75.4770, -51.8110

Background



This preview shows how black text looks on a background with the YIQ color 200.9830, 75.4770, -51.8110.



This preview shows how white text looks on a background with the YIQ color 200.9830, 75.4770,

-51.8110.

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

200.9830, 75.4770, -51.8110

Protanopia

200.9830, 75.4770, -51.8110

Deuteranopia

211.3030, 55.5260, -15.1140



Tritanopia

216.8560, 27.3690, 16.1130

Trichromacy



Original Color

200.9830, 75.4770, -51.8110

Protanomaly

200.9830, 75.4770, -51.8110

Deuteranomaly

207.5790, 62.9560, -28.6280

Tritanomaly

210.9570, 45.1170, -8.1870

Monochromacy



Original Color

200.9830, 75.4770, -51.8110

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.2380, 27.7880, -19.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.9830, 75.4770, -51.8110 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(241, 214, 29)` looks like.

```
.text, #text, p{  
    color:rgb(241, 214, 29)  
}
```

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(241, 214, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 214, 29) }
```

Border

The CSS property to change the border of an element to YIQ 200.9830, 75.4770, -51.8110 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(241, 214, 29) }
```


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

```
.border{ border-color:rgb(241, 214, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 214, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 214, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 214, 29);  
box-shadow:4px 4px 4px 4px rgb(241, 214,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 200.9830, 75.4770, -51.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 214, 29) }
```

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

```
.background{ background-color: rgb(241,  
214, 29) }
```

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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