

Converting Colors

YIQ(201.4690, 74.6490,
-36.7990)

Have a look what the booklet for
YIQ(201.4690, 74.6490, -36.7990)
contains.

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Color

**YIQ(201.4690, 74.6490,
-36.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	FACD38
RGB	250, 205, 56
RGB Percent	98%, 80%, 22%
CMY	0.0196, 0.1961, 0.7800
CMYK	0.00, 0.18, 0.78, 0.02
HSL	46°, 95%, 60%
HSV	46°, 78%, 98%
XYZ	61.9687, 64.2646, 12.8931
YIQ	201.4690, 74.6490, -36.7990

Conversions

Conversions Part 2

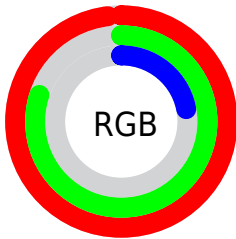
Format	Color
RYB	115, 250, 56
Decimal	16436536
CIELab	84.10, 2.08, 74.38
CIElCh	84, 74.410, 88.399
Yxy	64.2646, 0.4454, 0.4619
Android (android.graphics.Color)	4294626616 (0xFFFACD38)
YUV	201.4690, -71.7162, 42.5617
Hunter-Lab	80.1652, -2.3064, 46.5800

Details

The YIQ color **201.4690, 74.6490, -36.7990** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **104.5310, -74.6490, 36.7990**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.9260, 45.2610, -43.8510**, and **145.1480, 71.1190, -38.9050** is the 20% darker color. If you saturate the color by 10%, you get **195.0970, 84.3240, -41.4360**, and if you desaturate by 10%, it is **207.8410, 64.9740, -32.1620**.

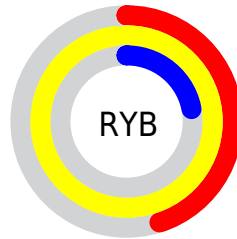
Distribution



Red (98%)

Green (80%)

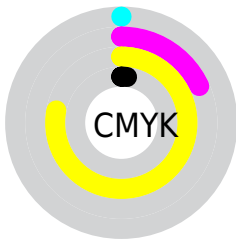
Blue (22%)



Red (45%)

Yellow (98%)

Blue (22%)

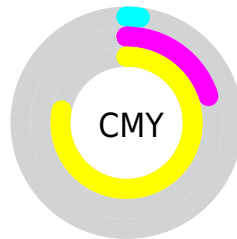


Cyan (0%)

Magenta (18%)

Yellow (78%)

Black (2%)



Cyan (2%)


Magenta (20%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.4690, 74.6490, -36.7990 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 201.4690, 74.6490, -36.7990 by changing the saturation by 10% instead.


 201.4690, 74.6490,
-36.7990


 201.4690, 74.6490,
-36.7990


255.0000, -0.0000,
-0.0000


 172.0190, 75.7960,
-41.0680


 238.9260, 45.2610,
-43.8510

 145.1480, 71.1190,
-38.9050


 242.2320, 35.9520,
-34.8320


 121.5030, 60.1140,
-32.1900


 245.4240, 26.9640,
-26.1240

 98.1570, 49.7050,
-25.2630

 248.7300, 17.6550,
-17.1050

 75.6970, 39.6170,
-18.6470

 252.0360, 8.3460,
-8.0860

 54.4110, 28.9790,
-13.0770

 34.3100, 19.2580,

-7.6060

■ 13.9210, 10.4080,
-1.4000

■ 0.0000, 0.0000,
0.0000

■ 201.4690, 74.6490,
-36.7990

■ 201.4690, 74.6490,
-36.7990

■ 195.0970, 84.3240,
-41.4360

■ 207.8410, 64.9740,
-32.1620

■ 188.7250, 93.9990,
-46.0730

■ 214.2130, 55.2990,
-27.5250

■ 187.4540, 96.2000,
-47.4160

■ 219.9980, 45.8990,
-22.3650

■ 226.3700, 36.2240,
-17.7280

■ 232.7420, 26.5490,
-13.0910

■ 239.1140, 16.8740,
-8.4540

■ 245.4860, 7.1990,
-3.8170

■ 251.1570, -1.8800,
1.0320

■ 253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



190.8770, 74.4610, -11.3550



201.4690, 74.6490, -36.7990



194.8580, 21.6050, -55.6670

Triad

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



201.4690, 74.6490, -36.7990



171.7110, -148.6800, -47.7840



200.9960, 25.3000, 48.1160

Complementary

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



201.4690, 74.6490, -36.7990



104.5310, -74.6490, 36.7990

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.



203.3570, -13.3460, 21.6140



201.4690, 74.6490, -36.7990



167.0150, -146.4800, -43.6000

Square

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



201.4690, 74.6490, -36.7990



165.8970, -132.3090, -63.6450



157.6230, -142.0800, -35.2320



186.0980, 42.4480, 45.7120

Rectangle

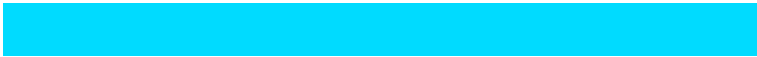
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



201.4690, 74.6490, -36.7990



186.4900, -27.2690, -61.9970



157.6230, -142.0800, -35.2320



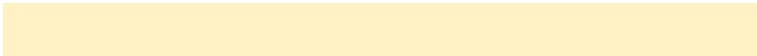
206.8660, 22.5500, 42.8860

Sweetspot

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



201.4690, 74.6490, -36.7990



240.0560, 22.7890, -11.0270



119.1360, 101.1790, 55.1230



118.6130, 14.0310, -6.4890



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.



201.4690, 74.6490, -36.7990



195.6970, 91.2020, -44.9420



212.3360, 31.2820, -71.3580



121.7570, 4.9980, -2.4740



141.6260, 72.7690, -35.7670



45.8280, 23.4310, -11.6490

Inverse Universe

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



104.5310, -74.6490, 36.7990



77.3030, -91.2020, 44.9420



93.6640, -31.2820, 71.3580



115.2430, -4.9980, 2.4740



47.3740, -72.7690, 35.7670



15.1720, -23.4310, 11.6490

Previews

White Background



This preview shows how the YIQ color 201.4690, 74.6490, -36.7990 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 201.4690, 74.6490, -36.7990 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 201.4690, 74.6490, -36.7990

Background



This preview shows how black text looks on a background with the YIQ color 201.4690, 74.6490, -36.7990.



This preview shows how white text looks on a background with the YIQ color 201.4690, 74.6490,

-36.7990.

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

201.4690, 74.6490, -36.7990

Protanopia

200.3320, 64.6090, -42.0710

Deuteranopia

206.4300, 62.3580, -17.7860



Tritanopia

213.6070, 32.5040, 16.6640

Trichromacy



Original Color

201.4690, 74.6490, -36.7990

Protanomaly

200.6530, 68.1390, -39.9650

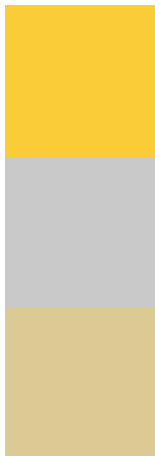
Deuteranomaly

204.2530, 66.9900, -24.6420

Tritanomaly

209.0870, 47.8670, -2.9570

Monochromacy



Original Color

201.4690, 74.6490, -36.7990

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9270, 27.4660, -13.1900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.4690, 74.6490, -36.7990 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(250, 205, 56)` looks like.

```
.text, #text, p{  
    color:rgb(250, 205, 56)  
}
```

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(250, 205, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 205, 56) }
```

Border

The CSS property to change the border of an element to YIQ 201.4690, 74.6490, -36.7990 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(250, 205, 56) }
```


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

```
.border{ border-color:rgb(250, 205, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 205, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 205, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 205, 56);  
box-shadow:4px 4px 4px 4px rgb(250, 205,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 201.4690, 74.6490, -36.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 205, 56) }
```

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

```
.background{ background-color: rgb(250,  
205, 56) }
```

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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