

Converting Colors

YIQ(188.6850, 47.9180,
-31.4260)

Have a look what the booklet for
YIQ(188.6850, 47.9180, -31.4260)
contains.

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Color

**YIQ(188.6850, 47.9180,
-31.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C452
RGB	215, 196, 82
RGB Percent	84%, 77%, 32%
CMY	0.1569, 0.2314, 0.6781
CMYK	0.00, 0.09, 0.62, 0.16
HSL	51°, 62%, 58%
HSV	51°, 62%, 84%
XYZ	49.2862, 54.5325, 15.9250
YIQ	188.6850, 47.9180, -31.4260

Conversions

Conversions Part 2

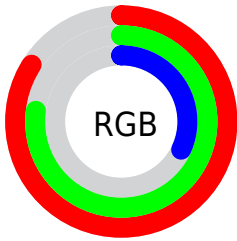
Format	Color
RYB	104, 215, 82
Decimal	14140498
CIELab	78.77, -6.80, 58.02
CIELCh	79, 58.421, 96.684
Yxy	54.5325, 0.4116, 0.4554
Android (android.graphics.Color)	4292330578 (0xFFD7C452)
YUV	188.6850, -52.5957, 23.0783
Hunter-Lab	73.8461, -10.0967, 38.9063

Details

The YIQ color **188.6850, 47.9180, -31.4260** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **108.3150, -47.9180, 31.4260**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.6730, 39.0240, -35.4400**, and **133.7340, 46.2220, -33.7300** is the 20% darker color. If you saturate the color by 10%, you get **184.5300, 55.4840, -36.3880**, and if you desaturate by 10%, it is **192.9540, 40.0310, -26.1530**.

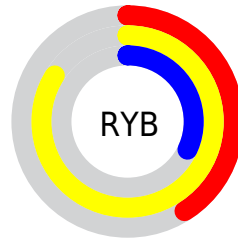
Distribution



Red (84%)

Green (77%)

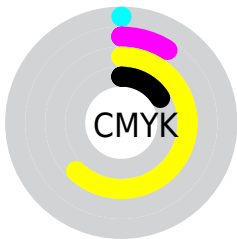
Blue (32%)



Red (41%)

Yellow (84%)

Blue (32%)

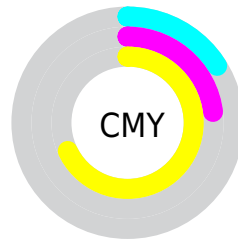


Cyan (0%)

Magenta (9%)

Yellow (62%)

Black (16%)



Cyan (16%)

Magenta (23%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.6850, 47.9180, -31.4260 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 188.6850, 47.9180, -31.4260 by changing the saturation by 10% instead.

■ 188.6850, 47.9180,
-31.4260

■ 188.6850, 47.9180,
-31.4260

■ 255.0000, -0.0000,
-0.0000

■ 161.0870, 46.7260,
-31.8500

■ 239.6730, 39.0240,
-35.4400

■ 133.7340, 46.2220,
-33.7300

■ 244.5120, 29.5320,
-28.6120

■ 107.2500, 44.7090,
-33.8430

■ 247.7040, 20.5440,
-19.9040

■ 85.0890, 35.2170,
-27.0150

■ 251.0100, 11.2350,
-10.8850

■ 62.9280, 25.7250,
-20.1870

■ 254.3160, 1.9260,
-1.8660

■ 42.2400, 16.2790,
-14.1930

■ 23.3240, 7.4750,

-8.8210

■ 0.0000, 0.0000,
0.0000

■ 188.6850, 47.9180,
-31.4260

■ 188.6850, 47.9180,
-31.4260

■ 184.5300, 55.4840,
-36.3880

■ 192.9540, 40.0310,
-26.1530

■ 180.2610, 63.3710,
-41.6610

■ 197.1090, 32.4650,
-21.1910

■ 176.1060, 70.9370,
-46.6230

■ 201.3780, 24.5780,
-15.9180

■ 172.2930, 77.5400,
-50.6520

■ 205.5330, 17.0120,
-10.9560

■ 209.8020, 9.1250,
-5.6830

■ 213.9570, 1.5590,
-0.7210

■ 218.8130, -6.6030,
4.0290

■ 222.9680,
-14.1690, 8.9910

■ 224.8430,
-15.3150, 7.7330

Harmonies

Analogous

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



190.8600, 73.1310, -9.2770



188.6850, 47.9180, -31.4260



182.0690, 2.4380, -44.2020

Triad

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



188.6850, 47.9180, -31.4260



158.2100, -142.3550, -35.7550



195.0630, 32.3610, 46.8010

Complementary

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



188.6850, 47.9180, -31.4260



108.3150, -47.9180, 31.4260

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.



196.6670, -2.1150, 32.8370



188.6850, 47.9180, -31.4260



153.5140, -140.1550, -31.5710

Square

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



188.6850, 47.9180, -31.4260



153.7980, -127.1760, -52.0400



180.8880, -63.9140, 1.9260



184.2110, 51.8950, 34.1910

Rectangle

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



188.6850, 47.9180, -31.4260



175.4310, -36.8080, -48.8080



180.8880, -63.9140, 1.9260



200.4090, 25.5750, 48.6390

Sweetspot

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



188.6850, 47.9180, -31.4260



245.4190, 17.3330, -11.2670



124.0470, 72.8480, 34.4160



121.6450, 11.0050, -6.7150



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.



188.6850, 47.9180, -31.4260



217.6050, 68.0940, -44.6580



185.7850, 14.6810, -51.3270



105.1590, 3.8060, -2.8980



136.8310, 61.7660, -40.1060



34.5760, 15.4530, -10.2350

Inverse Universe

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



108.3150, -47.9180, 31.4260



103.3950, -68.0940, 44.6580



111.2150, -14.6810, 51.3270



98.4280, -4.0810, 2.3750



33.5820, -61.4910, 40.6290



8.4240, -15.4530, 10.2350

Previews

White Background



This preview shows how the YIQ color 188.6850, 47.9180, -31.4260 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 188.6850, 47.9180, -31.4260 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 188.6850, 47.9180, -31.4260

Background



This preview shows how black text looks on a background with the YIQ color 188.6850, 47.9180, -31.4260.



This preview shows how white text looks on a background with the YIQ color 188.6850, 47.9180, -31.4260.

-31.4260.

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

188.6850, 47.9180, -31.4260

Protanopia

188.6960, 49.3850, -30.4790

Deuteranopia

190.6430, 66.0720, -19.0160



Tritanopia

197.8550, 19.9420, 13.0460

Trichromacy



Original Color

188.6850, 47.9180, -31.4260

Protanomaly

188.3970, 48.7890, -30.6910

Deuteranomaly

189.8870, 59.3330, -23.5390

Tritanomaly

194.2190, 29.9400, -2.9560

Monochromacy



Original Color

188.6850, 47.9180, -31.4260

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.0060, 17.0580, -11.7900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.6850, 47.9180, -31.4260 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(215, 196, 82)` looks like.

```
.text, #text, p{  
    color:rgb(215, 196, 82)  
}
```

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(215, 196, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 196, 82) }
```

Border

The CSS property to change the border of an element to YIQ 188.6850, 47.9180, -31.4260 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(215, 196, 82) }
```


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

```
.border{ border-color:rgb(215, 196, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 196, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 196, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 196, 82);  
box-shadow:4px 4px 4px 4px rgb(215, 196,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 188.6850, 47.9180, -31.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 196, 82) }
```

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

```
.background{ background-color: rgb(215,  
196, 82) }
```

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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