

Converting Colors

YIQ(188.7740, 57.9130,
-30.8470)

Have a look what the booklet for
YIQ(188.7740, 57.9130, -30.8470)
contains.

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Color

**YIQ(188.7740, 57.9130,
-30.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C148
RGB	225, 193, 72
RGB Percent	88%, 76%, 28%
CMY	0.1176, 0.2432, 0.7173
CMYK	0.00, 0.14, 0.68, 0.12
HSL	47°, 72%, 58%
HSV	47°, 68%, 88%
XYZ	51.2907, 54.6104, 13.9826
YIQ	188.7740, 57.9130, -30.8470

Conversions

Conversions Part 2

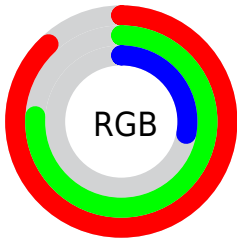
Format	Color
RYB	112, 225, 72
Decimal	14795080
CIELab	78.82, -1.62, 62.57
CIELCh	79, 62.594, 91.483
Yxy	54.6104, 0.4278, 0.4555
Android (android.graphics.Color)	4292985160 (0xFFE1C148)
YUV	188.7740, -57.5696, 31.7702
Hunter-Lab	73.8988, -5.4321, 40.5108

Details

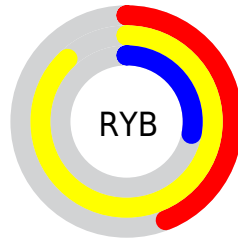
The YIQ color **188.7740, 57.9130, -30.8470** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **108.2260, -57.9130, 30.8470**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.7720, 43.0590, -36.9810**, and **132.2700, 59.1520, -36.7840** is the 20% darker color. If you saturate the color by 10%, you get **183.3310, 66.3500, -35.0740**, and if you desaturate by 10%, it is **194.3310, 49.1550, -26.3090**.

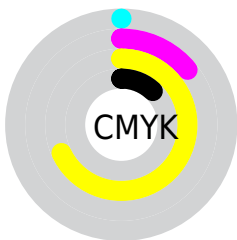
Distribution



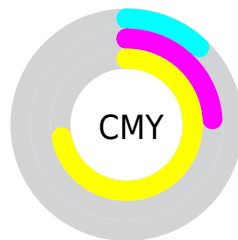
- Red (88%)
- Green (76%)
- Blue (28%)



- Red (44%)
- Yellow (88%)
- Blue (28%)



- Cyan (0%)
- Magenta (14%)
- Yellow (68%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.7740, 57.9130, -30.8470 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 188.7740, 57.9130, -30.8470 by changing the saturation by 10% instead.

■ 188.7740, 57.9130,
-30.8470

■ 188.7740, 57.9130,
-30.8470

■ 255.0000, -0.0000,
-0.0000

■ 160.7630, 56.4460,
-31.7940

■ 236.7720, 43.0590,
-36.9810

■ 132.3840, 58.8310,
-36.4730

■ 243.4860, 32.4210,
-31.4110

■ 108.4680, 50.0270,
-31.1010

■ 246.6780, 23.4330,
-22.7030

■ 85.7200, 40.8100,
-23.7500

■ 249.8700, 14.4450,
-13.9950

■ 63.8470, 30.4470,
-17.6570

■ 253.2900, 4.8150,
-4.6650

■ 43.1590, 21.0010,
-11.6630

■ 23.9440, 11.6010,

-6.5030

■ 0.0000, 0.0000,
0.0000

■ 188.7740, 57.9130,
-30.8470

■ 188.7740, 57.9130,
-30.8470

■ 183.3310, 66.3500,
-35.0740

■ 194.3310, 49.1550,
-26.3090

■ 178.3610, 74.8330,
-40.1350

■ 199.1870, 40.9930,
-21.5590

■ 172.9180, 83.2700,
-44.3620

■ 204.7440, 32.2350,
-17.0210

■ 171.7610, 85.1500,
-45.3940

■ 210.1870, 23.7980,
-12.7940

■ 215.7440, 15.0400,
-8.2560

■ 220.6000, 6.8780,
-3.5060

■ 226.1570, -1.8800,
1.0320

■ 231.6000,
-10.3170, 5.2590

■ 234.2900,
-12.3800, 4.1000

Harmonies

Analogous

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



187.6970, 75.1480, -7.2840



188.7740, 57.9130, -30.8470



182.5770, 12.5710, -46.1250

Triad

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



188.7740, 57.9130, -30.8470



159.8570, -142.8590, -37.6350



196.5450, 28.1880, 50.8440

Complementary

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



188.7740, 57.9130, -30.8470



108.2260, -57.9130, 30.8470

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.



194.2420, -11.2840, 28.3000



188.7740, 57.9130, -30.8470



155.2750, -140.9800, -33.1400

Square

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



188.7740, 57.9130, -30.8470



153.8320, -124.5160, -56.1960



170.0910, -89.7710, -8.5470



183.0030, 49.7850, 39.3930

Rectangle

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



188.7740, 57.9130, -30.8470



175.9280, -28.1420, -51.6780



170.0910, -89.7710, -8.5470



199.5010, 22.3200, 47.0560

Sweetspot

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



188.7740, 57.9130, -30.8470



242.7290, 19.3960, -10.1080



121.5090, 80.5950, 42.6990



120.3570, 11.8760, -5.9800



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.



188.7740, 57.9130, -30.8470



205.3460, 79.1890, -41.9870



194.7010, 23.4850, -56.6990



109.5720, 4.0810, -2.3750



134.2170, 66.6710, -35.3850



36.6580, 18.1580, -9.6980

Inverse Universe

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



108.2260, -57.9130, 30.8470



95.6540, -79.1890, 41.9870



102.2990, -23.4850, 56.6990



103.4280, -4.0810, 2.3750



41.7830, -66.6710, 35.3850



11.3420, -18.1580, 9.6980

Previews

White Background



This preview shows how the YIQ color 188.7740, 57.9130, -30.8470 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 188.7740, 57.9130, -30.8470 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 188.7740, 57.9130, -30.8470

Background



This preview shows how black text looks on a background with the YIQ color 188.7740, 57.9130, -30.8470.



This preview shows how white text looks on a background with the YIQ color 188.7740, 57.9130, -30.8470.

-30.8470.

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

188.7740, 57.9130, -30.8470

Protanopia

188.5560, 52.5950, -33.5890

Deuteranopia

190.2750, 69.9240, -22.7480



Tritanopia

198.7420, 27.6900, 15.8020

Trichromacy



Original Color

188.7740, 57.9130, -30.8470

Protanomaly

188.8660, 54.6580, -32.4300

Deuteranomaly

189.8290, 65.2480, -26.1120

Tritanomaly

194.7640, 38.6510, -1.1330

Monochromacy



Original Color

188.7740, 57.9130, -30.8470

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.5720, 21.2760, -11.1400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.7740, 57.9130, -30.8470 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(225, 193, 72)` looks like.

```
.text, #text, p{  
    color:rgb(225, 193, 72)  
}
```

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(225, 193, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 72) }
```

Border

The CSS property to change the border of an element to YIQ 188.7740, 57.9130, -30.8470 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(225, 193, 72) }
```


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

```
.border{ border-color:rgb(225, 193, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 193, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 193, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 193, 72);  
box-shadow:4px 4px 4px 4px rgb(225, 193,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 188.7740, 57.9130, -30.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 193, 72) }
```

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

```
.background{ background-color: rgb(225,  
193, 72) }
```

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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