

Converting Colors

YIQ(195.8740, 86.5700,
-38.0860)

Have a look what the booklet for
YIQ(195.8740, 86.5700, -38.0860)
contains.

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Color

**YIQ(195.8740, 86.5700,
-38.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC523
RGB	255, 197, 35
RGB Percent	100%, 77%, 14%
CMY	0.0000, 0.2275, 0.8622
CMYK	0.00, 0.23, 0.86, 0.00
HSL	44°, 100%, 57%
HSV	44°, 86%, 100%
XYZ	61.5058, 61.3033, 10.1905
YIQ	195.8740, 86.5700, -38.0860

Conversions

Conversions Part 2

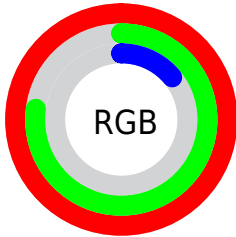
Format	Color
R_{YB}	114, 255, 35
Decimal	16762147
CIE Lab	82.54, 7.73, 79.09
CIE LCh	83, 79.471, 84.419
Yxy	61.3033, 0.4625, 0.4609
Android (android.graphics.Color)	4294952227 (0xFFFFC523)
YUV	195.8740, -79.3109, 51.8535
Hunter-Lab	78.2964, 3.2020, 47.0908

Details

The YIQ color **195.8740, 86.5700, -38.0860** 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 **94.1260, -86.5700, 38.0860**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.0420, 50.6260, -47.4700**, and **142.2350, 75.4280, -34.3960** is the 20% darker color. If you saturate the color by 10%, you get **188.9150, 96.5200, -42.2000**, and if you desaturate by 10%, it is **202.9470, 76.2990, -33.6610**.

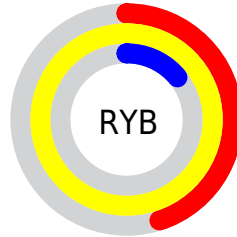
Distribution



Red (100%)

Green (77%)

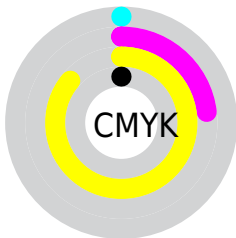
Blue (14%)



Red (45%)

Yellow (100%)

Blue (14%)

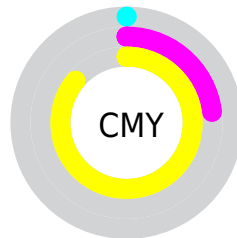


Cyan (0%)

Magenta (23%)

Yellow (86%)

Black (0%)



Cyan (0%)

Magenta (23%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.8740, 86.5700, -38.0860 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 195.8740, 86.5700, -38.0860 by changing the saturation by 10% instead.

 195.8740, 86.5700,
-38.0860


 195.8740, 86.5700,
-38.0860


255.0000, -0.0000,
-0.0000


 166.7660, 86.7540,
-41.4220


 236.0420, 50.6260,
-47.4700


 142.2350, 75.4280,
-34.3960


 240.5220, 40.7670,
-39.4970


 118.0030, 64.6980,
-27.1580


 243.7140, 31.7790,
-30.7890

 94.9450, 53.4180,
-20.9660

 247.0200, 22.4700,
-21.7700

 72.7730, 42.4590,
-15.0850

 250.3260, 13.1610,
-12.7510

 50.9000, 32.0960,
-8.9920

 253.7460, 3.5310,

 31.3860, 22.1000,

-3.4210

-4.0440

■ 9.5350, 14.6710,
3.9430

■ 0.0000, 0.0000,
0.0000

■ 195.8740, 86.5700,
-38.0860

■ 195.8740, 86.5700,
-38.0860

■ 188.9150, 96.5200,
-42.2000

■ 202.9470, 76.2990,
-33.6610

■ 186.6010,
100.2800, -44.2640

■ 209.3190, 66.6240,
-29.0240

■ 216.3920, 56.3530,
-24.5990

■ 223.3510, 46.4030,
-20.4850

■ 230.4240, 36.1320,
-16.0600

■ 236.7960, 26.4570,
-11.4230

■ 243.8690, 16.1860,
-6.9980

■ 250.8280, 6.2360,
-2.8840

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



183.7360, 79.4120, -7.4680



195.8740, 86.5700, -38.0860



189.4970, 32.7470, -59.3570

Triad

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



195.8740, 86.5700, -38.0860



169.9500, -147.8550, -46.2150



198.0610, 26.6750, 50.7310

Complementary

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



195.8740, 86.5700, -38.0860



94.1260, -86.5700, 38.0860

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.



195.5940, -27.3750, 17.0490



195.8740, 86.5700, -38.0860



166.4280, -146.2050, -43.0770

Square

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



195.8740, 86.5700, -38.0860



162.4260, -126.6690, -66.7410



157.0360, -141.8050, -34.7090



180.3250, 43.5470, 53.3310

Rectangle

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



195.8740, 86.5700, -38.0860



182.1610, -19.1530, -65.9130



157.0360, -141.8050, -34.7090



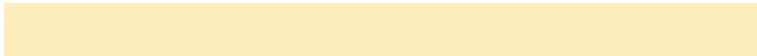
204.5180, 23.6500, 44.9780

Sweetspot

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



195.8740, 86.5700, -38.0860



237.4970, 25.8610, -11.6350



107.5060, 112.1810, 64.9890



116.9830, 15.8650, -6.6870



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.



195.8740, 86.5700, -38.0860



186.6010, 100.2800, -44.2640



214.6710, 40.2240, -79.2320



124.1700, 5.2730, -1.9510



139.8760, 75.0610, -33.2510



46.7250, 25.2190, -11.0130

Inverse Universe

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



94.1260, -86.5700, 38.0860



68.3990, -100.2800, 44.2640



75.3290, -40.2240, 79.2320



118.2430, -4.9980, 2.4740



51.1240, -75.0610, 33.2510



17.2750, -25.2190, 11.0130

Previews

White Background



This preview shows how the YIQ color 195.8740, 86.5700, -38.0860 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 195.8740, 86.5700, -38.0860 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 195.8740, 86.5700, -38.0860

Background



This preview shows how black text looks on a background with the YIQ color 195.8740, 86.5700, -38.0860.



This preview shows how white text looks on a background with the YIQ color 195.8740, 86.5700, -38.0860.

-38.0860.

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

195.8740, 86.5700, -38.0860

Protanopia

194.6220, 69.4240, -46.7360

Deuteranopia

199.9610, 73.6840, -24.8120



Tritanopia

209.2870, 36.4010, 17.6250

Trichromacy



Original Color

195.8740, 86.5700, -38.0860

Protanomaly

195.1390, 75.3380, -43.7820

Deuteranomaly

198.2510, 78.4990, -29.4770

Tritanomaly

204.2080, 54.8360, -2.6040

Monochromacy



Original Color

195.8740, 86.5700, -38.0860

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.5530, 31.4550, -13.8970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.8740, 86.5700, -38.0860 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(255, 197, 35)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 35)  
}
```

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(255, 197, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 35) }
```

Border

The CSS property to change the border of an element to YIQ 195.8740, 86.5700, -38.0860 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(255, 197, 35) }
```


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

```
.border{ border-color:rgb(255, 197, 35) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 35);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 195.8740, 86.5700, -38.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 35) }
```

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

```
.background{ background-color: rgb(255,  
197, 35) }
```

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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