

Converting Colors

YIQ(153.6840, 85.1900,
-13.0660)

Have a look what the booklet for
YIQ(153.6840, 85.1900, -13.0660)
contains.

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Color

**YIQ(153.6840, 85.1900,
-13.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	E38B25
RGB	227, 139, 37
RGB Percent	89%, 55%, 15%
CMY	0.1097, 0.4550, 0.8545
CMYK	0.00, 0.39, 0.84, 0.11
HSL	32°, 77%, 52%
HSV	32°, 84%, 89%
XYZ	41.2531, 34.9256, 6.3261
YIQ	153.6840, 85.1900, -13.0660

Conversions

Conversions Part 2

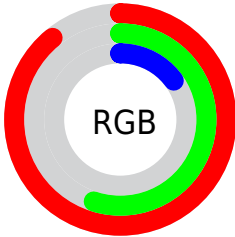
Format	Color
R_{YB}	201, 227, 37
Decimal	14912293
CIE Lab	65.69, 26.45, 63.38
CIE LCh	66, 68.682, 67.348
Yxy	34.9256, 0.5000, 0.4233
Android (android.graphics.Color)	4293102373 (0xFFE38B25)
YUV	153.6840, -57.5252, 64.2981
Hunter-Lab	59.0979, 21.1800, 35.0219

Details

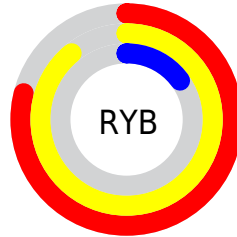
The YIQ color **153.6840, 85.1900, -13.0660** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **110.3160, -85.1900, 13.0660**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.0240, 69.3730, -18.2670**, and **101.2900, 74.7360, -10.8320** is the 20% darker color. If you saturate the color by 10%, you get **144.6050, 95.5980, -14.4660**, and if you desaturate by 10%, it is **162.1760, 75.0570, -11.1430**.

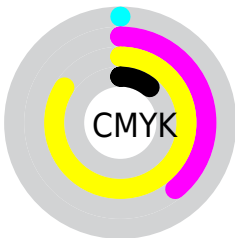
Distribution



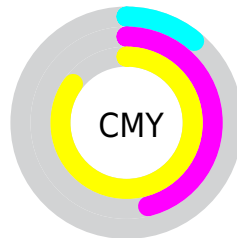
- Red (89%)
- Green (55%)
- Blue (15%)



- Red (79%)
- Yellow (89%)
- Blue (15%)



- Cyan (0%)
- Magenta (39%)
- Yellow (84%)
- Black (11%)



- Cyan (11%)
- Magenta (46%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.6840, 85.1900, -13.0660 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 153.6840, 85.1900, -13.0660 by changing the saturation by 10% instead.

153.6840, 85.1900,
-13.0660

153.6840, 85.1900,
-13.0660

255.0000, -0.0000,
-0.0000

124.9350, 85.7410,
-17.5470

200.0240, 69.3730,
-18.2670

101.2900, 74.7360,
-10.8320

219.5380, 53.0060,
-24.5140

78.2320, 63.4560,
-4.6400

239.0520, 36.6390,
-30.7610

55.7610, 51.9010,
1.0290

245.7660, 26.0010,
-25.1910

34.4750, 41.2630,
6.5990

248.9580, 17.0130,
-16.4830

15.2490, 30.3960,
10.8120

252.2640, 7.7040,

5.3820, 10.7280,

-7.4640

3.8160

■ 0.0000, 0.0000,
0.0000

■ 153.6840, 85.1900,
-13.0660

■ 153.6840, 85.1900,
-13.0660

■ 144.6050, 95.5980,
-14.4660

■ 162.1760, 75.0570,
-11.1430

■ 139.4870,
101.7420, -15.6820

■ 171.2550, 64.6490,
-9.7430

■ 180.2200, 54.5620,
-8.6540

■ 188.7120, 44.4290,
-6.7310

■ 197.7910, 34.0210,
-5.3310

■ 206.1690, 24.2090,
-3.7190

■ 215.2480, 13.8010,
-2.3190

■ 223.7400, 3.6680,
-0.3960

■ 232.7050, -6.4190,
0.6930

Harmonies

Analogous

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



152.6080, 92.6570, 22.3290



153.6840, 85.1900, -13.0660



148.1740, 59.0620, -46.1700

Triad

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



153.6840, 85.1900, -13.0660



130.0780, -107.2330, -44.5210



163.0210, -11.3790, 46.5490

Complementary

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



153.6840, 85.1900, -13.0660



110.3160, -85.1900, 13.0660

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.



126.2570, -122.2330, -3.9370



153.6840, 85.1900, -13.0660



136.3310, -126.2180, -25.3380

Square

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



153.6840, 85.1900, -13.0660



121.0210, -85.8640, -62.8560



134.1430, -131.0800, -14.3120



160.9500, 49.2770, 59.6210

Rectangle

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



153.6840, 85.1900, -13.0660



145.4930, 21.3750, -51.4970



134.1430, -131.0800, -14.3120



159.0240, -33.7970, 34.3230

Sweetspot

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



153.6840, 85.1900, -13.0660



230.0940, 28.7940, -4.2140



103.9560, 84.6710, 67.9590



112.9880, 17.4690, -2.7150



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.



153.6840, 85.1900, -13.0660



156.6640, 114.3050, -17.5910



203.5460, 57.4140, -60.3620



110.1100, 5.5020, -0.5940



109.8730, 80.2840, -12.2600



31.0980, 22.9710, -3.3090

Inverse Universe

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



110.3160, -85.1900, 13.0660



98.3360, -114.3050, 17.5910



60.4540, -57.4140, 60.3620



107.8900, -5.5020, 0.5940



69.1270, -80.2840, 12.2600



19.9020, -22.9710, 3.3090

Previews

White Background



This preview shows how the YIQ color 153.6840, 85.1900, -13.0660 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 153.6840, 85.1900, -13.0660 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 153.6840, 85.1900, -13.0660

Background



This preview shows how black text looks on a background with the YIQ color 153.6840, 85.1900, -13.0660.



This preview shows how white text looks on a background with the YIQ color 153.6840, 85.1900, -13.0660.

-13.0660.

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

153.6840, 85.1900, -13.0660

Protanopia

152.6420, 49.4770, -32.1470

Deuteranopia

153.0420, 68.9620, -27.3420



Tritanopia

161.5240, 57.9030, 24.4230

Trichromacy



Original Color

153.6840, 85.1900, -13.0660

Protanomaly

152.8010, 62.4510, -24.9810

Deuteranomaly

153.1400, 74.7380, -21.8860

Tritanomaly

158.4690, 67.7630, 10.9230

Monochromacy



Original Color

153.6840, 85.1900, -13.0660

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.2360, 31.2700, -5.0340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.6840, 85.1900, -13.0660 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(227, 139, 37)` looks like.

```
.text, #text, p{  
    color:rgb(227, 139, 37)  
}
```

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(227, 139, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 139, 37) }
```

Border

The CSS property to change the border of an element to YIQ 153.6840, 85.1900, -13.0660 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(227, 139, 37) }
```


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

```
.border{ border-color:rgb(227, 139, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 139, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 139, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 139, 37);  
box-shadow:4px 4px 4px 4px rgb(227, 139,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 153.6840, 85.1900, -13.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 139, 37) }
```

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

```
.background{ background-color: rgb(227,  
139, 37) }
```

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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