

Converting Colors

YIQ(137.0430, 85.5570,
-14.2110)

Have a look what the booklet for
YIQ(137.0430, 85.5570, -14.2110)
contains.

YIQ(137.0430, 85.5570, -14.2110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(137.0430, 85.5570,
-14.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	D27B12
RGB	210, 123, 18
RGB Percent	82%, 48%, 7%
CMY	0.1763, 0.5178, 0.9290
CMYK	0.00, 0.41, 0.91, 0.18
HSL	33°, 84%, 45%
HSV	33°, 91%, 82%
XYZ	33.7771, 27.9077, 4.1834
YIQ	137.0430, 85.5570, -14.2110

Conversions

Conversions Part 2

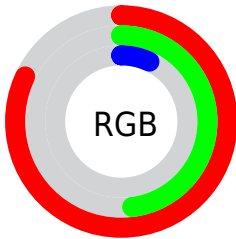
Format	Color
R_{YB}	177, 210, 18
Decimal	13794066
CIE _{Lab}	59.81, 27.41, 63.21
CIE _{LCh}	60, 68.900, 66.556
Yxy	27.9077, 0.5128, 0.4237
Android (android.graphics.Color)	4291984146 (0xFFD27B12)
YUV	137.0430, -58.6882, 63.9833
Hunter-Lab	52.8278, 21.6809, 32.2843

Details

The YIQ color **137.0430, 85.5570, -14.2110** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **90.9570, -85.5570, 14.2110**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.3350, 78.8630, -14.0410**, and **87.4020, 68.7290, -6.5910** is the 20% darker color. If you saturate the color by 10%, you get **130.2950, 93.5350, -15.6250**, and if you desaturate by 10%, it is **144.7200, 76.3410, -12.3870**.

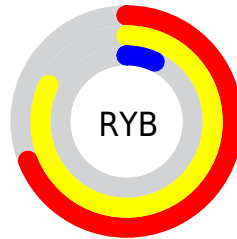
Distribution



Red (82%)

Green (48%)

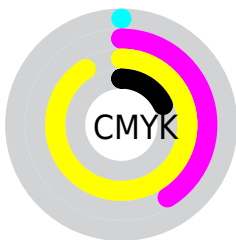
Blue (7%)



Red (69%)

Yellow (82%)

Blue (7%)

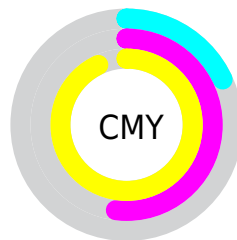


Cyan (0%)

Magenta (41%)

Yellow (91%)

Black (18%)



Cyan (18%)

Magenta (52%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.0430, 85.5570, -14.2110 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 137.0430, 85.5570, -14.2110 by changing the saturation by 10% instead.

137.0430, 85.5570,
-14.2110

137.0430, 85.5570,
-14.2110

255.0000, -0.0000,
-0.0000

111.0470, 79.7340,
-13.3060

188.3350, 78.8630,
-14.0410

87.4020, 68.7290,
-6.5910

207.1480, 63.0920,
-20.0760

64.9310, 57.1740,
-0.9220

227.2490, 46.4500,
-26.8460

42.7590, 46.2150,
4.9590

243.9420, 31.1370,
-30.1670

20.2990, 36.1270,
11.5750

247.1340, 22.1490,
-21.4590

12.0740, 23.5190,
8.7910

250.3260, 13.1610,

0.0000, 0.0000,

-12.7510

0.0000

253.6320, 3.8520,
-3.7320

137.0430, 85.5570,
-14.2110

137.0430, 85.5570,
-14.2110

130.2950, 93.5350,
-15.6250

144.7200, 76.3410,
-12.3870

152.9840, 66.8500,
-11.0860

161.2480, 57.3590,
-9.7850

168.9250, 48.1430,
-7.9610

177.1890, 38.6520,
-6.6600

■ 184.8660, 29.4360,
-4.8360

■ 193.1300, 19.9450,
-3.5350

■ 200.8070, 10.7290,
-1.7110

■ 209.0710, 1.2380,
-0.4100

Harmonies

Analogous

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



137.5590, 94.3530, 24.6330



137.0430, 85.5570, -14.2110



133.5420, 55.2100, -42.4380

Triad

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



137.0430, 85.5570, -14.2110



118.7480, -97.3760, -41.4400



147.6400, -14.6800, 45.8000

Complementary

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



137.0430, 85.5570, -14.2110



90.9570, -85.5570, 14.2110

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.



115.3590, -122.2800, 2.4240



137.0430, 85.5570, -14.2110



124.8870, -116.0400, -22.5680

Square

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



137.0430, 85.5570, -14.2110



109.8050, -76.3280, -59.4640



124.7510, -126.6800, -5.9440



144.2810, 46.8470, 59.6070

Rectangle

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



137.0430, 85.5570, -14.2110



128.0220, 27.0150, -54.5930



124.7510, -126.6800, -5.9440



144.0110, -40.9500, 37.3060

Sweetspot

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



137.0430, 85.5570, -14.2110



228.9370, 30.6740, -5.2460



85.6680, 85.5420, 68.6940



112.1730, 18.3860, -2.8140



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.



137.0430, 85.5570, -14.2110



157.8380, 113.7550, -18.6370



186.3180, 58.0560, -60.9840



100.8110, 4.9060, -0.8060



104.2360, 74.8280, -12.5000



25.1730, 18.3860, -2.8140

Inverse Universe

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



90.9570, -85.5570, 14.2110



97.1620, -113.7550, 18.6370



41.9810, -57.4600, 61.1960



98.1890, -4.9060, 0.8060



63.7640, -74.8280, 12.5000



15.8270, -18.3860, 2.8140

Previews

White Background



This preview shows how the YIQ color 137.0430, 85.5570, -14.2110 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 137.0430, 85.5570, -14.2110 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 137.0430, 85.5570, -14.2110

Background



This preview shows how black text looks on a background with the YIQ color 137.0430, 85.5570, -14.2110.



This preview shows how white text looks on a background with the YIQ color 137.0430, 85.5570, -14.2110.

-14.2110.

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

137.0430, 85.5570, -14.2110

Protanopia

136.7020, 49.2480, -33.5040

Deuteranopia

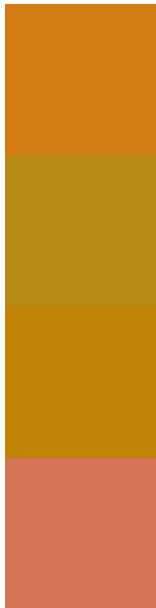
135.1360, 71.3930, -32.8550



Tritanopia

144.9260, 56.7110, 23.9990

Trichromacy



Original Color

137.0430, 85.5570, -14.2110

Protanomaly

136.7470, 62.5430, -26.6490

Deuteranomaly

135.9890, 76.4810, -25.9430

Tritanomaly

142.0560, 67.4880, 10.4000

Monochromacy



Original Color

137.0430, 85.5570, -14.2110

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2360, 31.2700, -5.0340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.0430, 85.5570, -14.2110 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(210, 123, 18)` looks like.

```
.text, #text, p{  
    color:rgb(210, 123, 18)  
}
```

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(210, 123, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 123, 18) }
```

Border

The CSS property to change the border of an element to YIQ 137.0430, 85.5570, -14.2110 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(210, 123, 18) }
```


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

```
.border{ border-color:rgb(210, 123, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 123, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 123, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 123, 18);  
box-shadow:4px 4px 4px 4px rgb(210, 123,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 137.0430, 85.5570, -14.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 123, 18) }
```

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

```
.background{ background-color: rgb(210,  
123, 18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor