

Converting Colors

YIQ(137.9040, 87.0260,
-24.3180)

Have a look what the booklet for
YIQ(137.9040, 87.0260, -24.3180)
contains.

YIQ(137.9040, 87.0260, -24.3180)	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(137.9040, 87.0260,
-24.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8200
RGB	206, 130, 0
RGB Percent	81%, 51%, 0%
CMY	0.1921, 0.4903, 0.9995
CMYK	0.00, 0.37, 1.00, 0.19
HSL	38°, 100%, 40%
HSV	38°, 100%, 81%
XYZ	33.4396, 29.0824, 3.8543
YIQ	137.9040, 87.0260, -24.3180

Conversions

Conversions Part 2

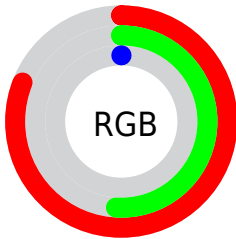
Format	Color
R_{YB}	120, 206, 0
Decimal	13533696
CIE _{Lab}	60.85, 21.71, 66.84
CIE _{LCh}	61, 70.275, 72.008
Yxy	29.0824, 0.5038, 0.4381
Android (android.graphics.Color)	4291723776 (0xFFCE8200)
YUV	137.9040, -67.9867, 59.7202
Hunter-Lab	53.9281, 16.3098, 33.5122

Details

The YIQ color **137.9040, 87.0260, -24.3180** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **68.0960, -87.0260, 24.3180**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6460, 79.1850, -19.8790**, and **90.6140, 65.0160, -10.8880** is the 20% darker color. If you saturate the color by 10%, you get **137.9040, 87.0260, -24.3180**, and if you desaturate by 10%, it is **144.9940, 78.0850, -21.9710**.

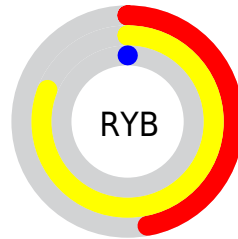
Distribution



Red (81%)

Green (51%)

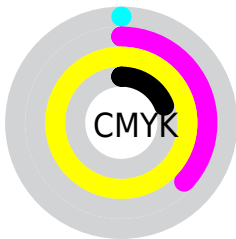
Blue (0%)



Red (47%)

Yellow (81%)

Blue (0%)

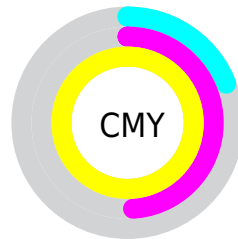


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.9040, 87.0260, -24.3180 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 137.9040, 87.0260, -24.3180 by changing the saturation by 10% instead.

137.9040, 87.0260,
-24.3180

137.9040, 87.0260,
-24.3180

255.0000, -0.0000,
-0.0000

113.9600, 75.4250,
-17.8150

191.6460, 79.1850,
-19.8790

90.6140, 65.0160,
-10.8880

211.1600, 62.8180,
-26.1260

68.1430, 53.4610,
-5.2190

230.7880, 46.1300,
-32.0620

46.5580, 42.2270,
0.1390

243.2580, 33.0630,
-32.0330

25.5710, 32.1850,
5.9210

246.4500, 24.0750,
-23.3250

11.1770, 21.7310,
8.1550

249.7560, 14.7660,

0.0000, 0.0000,

-14.3060

0.0000

■ 253.0620, 5.4570,
-5.2870

■ 137.9040, 87.0260,
-24.3180

■ 144.9940, 78.0850,
-21.9710

■ 151.3830, 69.7400,
-19.4120

■ 158.4730, 60.7990,
-17.0650

■ 164.9760, 52.1330,
-14.1950

■ 171.9520, 43.5130,
-12.1590

■ 179.0420, 34.5720,
-9.8120

■ 185.4310, 26.2270,
-7.2530

■ 192.5210, 17.2860,
-4.9060

■ 199.0240, 8.6200,
-2.0360

Harmonies

Analogous

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



140.0550, 95.5920, 18.6960



137.9040, 87.0260, -24.3180



134.9710, 49.3880, -47.0600

Triad

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



137.9040, 87.0260, -24.3180



122.2190, -103.0160, -38.3440



150.4460, -2.2100, 51.0860

Complementary

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



137.9040, 87.0260, -24.3180



68.0960, -87.0260, 24.3180

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.



126.1340, -99.3570, 11.0030



137.9040, 87.0260, -24.3180



127.6570, -121.0840, -19.2600

Square

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



137.9040, 87.0260, -24.3180



113.6350, -81.6010, -57.5130



125.3380, -126.9550, -6.4670



145.3100, 57.0710, 61.5430

Rectangle

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



137.9040, 87.0260, -24.3180



129.9650, 13.9940, -55.3980



125.3380, -126.9550, -6.4670



148.8280, -27.0130, 43.5390

Sweetspot

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



137.9040, 87.0260, -24.3180



229.9000, 32.0960, -8.9920



70.6000, 97.4170, 68.2410



112.7770, 19.4410, -5.4150



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.



137.9040, 87.0260, -24.3180



170.7520, 107.7050, -30.1430



175.3400, 51.8220, -69.1540



98.5120, 4.3100, -1.0180



111.2690, 70.0610, -19.7230



25.4500, 16.0480, -4.4960

Inverse Universe

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



68.0960, -87.0260, 24.3180



84.2480, -107.7050, 30.1430



30.6600, -51.8220, 69.1540



95.4880, -4.3100, 1.0180



54.7310, -70.0610, 19.7230



12.5500, -16.0480, 4.4960

Previews

White Background



This preview shows how the YIQ color 137.9040, 87.0260, -24.3180 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 137.9040, 87.0260, -24.3180 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 137.9040, 87.0260, -24.3180

Background



This preview shows how black text looks on a background with the YIQ color 137.9040, 87.0260, -24.3180.



This preview shows how white text looks on a background with the YIQ color 137.9040, 87.0260, -24.3180.

-24.3180.

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

137.9040, 87.0260, -24.3180

Protanopia

138.2200, 53.4210, -37.5470

Deuteranopia

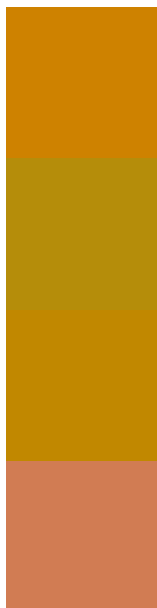
137.7940, 72.3560, -33.7880



Tritanopia

148.9360, 50.7510, 21.8790

Trichromacy



Original Color

137.9040, 87.0260, -24.3180

Protanomaly

138.0260, 65.8910, -32.2610

Deuteranomaly

137.5390, 77.6280, -30.2120

Tritanomaly

144.7410, 63.8210, 5.2690

Monochromacy



Original Color

137.9040, 87.0260, -24.3180

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0140, 31.7750, -8.6810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9040, 87.0260, -24.3180 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(206, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(206, 130, 0)  
}
```

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(206, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 130, 0) }
```

Border

The CSS property to change the border of an element to YIQ 137.9040, 87.0260, -24.3180 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(206, 130, 0) }
```


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

```
.border{ border-color:rgb(206, 130, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(206, 130,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 137.9040, 87.0260, -24.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 130, 0) }
```

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

```
.background{ background-color: rgb(206,  
130, 0) }
```

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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