

Converting Colors

YIQ(142.9870, 97.1580,
-20.7140)

Have a look what the booklet for
YIQ(142.9870, 97.1580, -20.7140)
contains.

YIQ(142.9870, 97.1580, -20.7140)	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(142.9870, 97.1580,
-20.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8200
RGB	223, 130, 0
RGB Percent	87%, 51%, 0%
CMY	0.1254, 0.4903, 0.9995
CMYK	0.00, 0.42, 1.00, 0.13
HSL	35°, 100%, 44%
HSV	35°, 100%, 87%
XYZ	38.4205, 31.6487, 4.0874
YIQ	142.9870, 97.1580, -20.7140

Conversions

Conversions Part 2

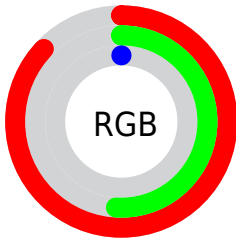
Format	Color
RYB	160, 223, 0
Decimal	14647808
CIELab	63.05, 28.96, 69.33
CIElCh	63, 75.133, 67.331
Yxy	31.6487, 0.5181, 0.4268
Android (android.graphics.Color)	4292837888 (0xFFDF8200)
YUV	142.9870, -70.4926, 70.1714
Hunter-Lab	56.2572, 23.4555, 35.0723

Details

The YIQ color **142.9870, 97.1580, -20.7140** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **80.0130, -97.1580, 20.7140**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7600, 78.8640, -19.5680**, and **95.0990, 73.9560, -7.7080** is the 20% darker color. If you saturate the color by 10%, you get **142.9870, 97.1580, -20.7140**, and if you desaturate by 10%, it is **150.7780, 87.6210, -18.5790**.

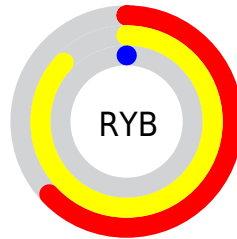
Distribution



Red (87%)

Green (51%)

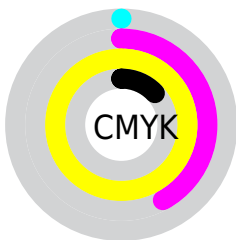
Blue (0%)



Red (63%)

Yellow (87%)

Blue (0%)

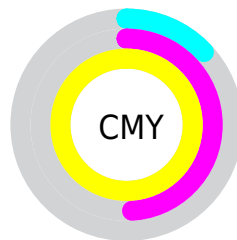


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (13%)



Cyan (13%)


Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.9870, 97.1580, -20.7140 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 142.9870, 97.1580, -20.7140 by changing the saturation by 10% instead.


 142.9870, 97.1580,
-20.7140


 142.9870, 97.1580,
-20.7140


255.0000, -0.0000,
-0.0000


 118.4560, 85.8320,
-13.6880


 191.7600, 78.8640,
-19.5680


 95.0990, 73.9560,
-7.7080


 211.3880, 62.1760,
-25.5040


 72.0410, 62.6760,
-1.5160


 231.4890, 45.5340,
-32.2740

 49.5700, 51.1210,
4.1530

 243.4860, 32.4210,
-31.4110

 26.5230, 41.3080,
11.2920

 246.6780, 23.4330,
-22.7030

 14.0530, 28.0120,
9.9640

 249.8700, 14.4450,

 0.0000, 0.0000,

-13.9950

0.0000

■ 253.1760, 5.1360,
-4.9760

■ 142.9870, 97.1580,
-20.7140

■ 150.7780, 87.6210,
-18.5790

■ 159.2700, 77.4880,
-16.6560

■ 167.0610, 67.9510,
-14.5210

■ 174.8520, 58.4140,
-12.3860

■ 183.3440, 48.2810,
-10.4630

■ 191.1350, 38.7440,
-8.3280

■ 198.9260, 29.2070,
-6.1930

■ 206.8310, 19.3490,
-3.7470

■ 215.2090, 9.5370,
-2.1350

Harmonies

Analogous

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



142.9080, 100.6800, 25.6080



142.9870, 97.1580, -20.7140



141.2170, 57.5030, -45.4490

Triad

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



142.9870, 97.1580, -20.7140



126.5730, -104.2530, -43.4610



155.6450, -13.0760, 49.7720

Complementary

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



142.9870, 97.1580, -20.7140



80.0130, -97.1580, 20.7140

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.



120.0550, -124.4800, -1.7600



142.9870, 97.1580, -20.7140



132.6950, -124.2470, -22.5110

Square

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



142.9870, 97.1580, -20.7140



116.2450, -80.6830, -63.1390



130.6210, -129.4300, -11.1740



151.6180, 53.4480, 66.6320

Rectangle

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



142.9870, 97.1580, -20.7140



134.8060, 27.3830, -61.2650



130.6210, -129.4300, -11.1740



150.1530, -38.4740, 36.4860

Sweetspot

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



142.9870, 97.1580, -20.7140



227.5520, 33.1960, -6.9000



77.7350, 101.7710, 77.4430



111.0160, 20.2660, -3.8460



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.



142.9870, 97.1580, -20.7140



163.7080, 111.0050, -23.8670



193.0930, 62.6430, -72.5330



108.3980, 4.6310, -1.3290



112.4980, 76.8460, -16.0340



30.7880, 20.9080, -4.4680

Inverse Universe

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



80.0130, -97.1580, 20.7140



91.2920, -111.0050, 23.8670



29.9070, -62.6430, 72.5330



105.1890, -4.9060, 0.8060



62.9150, -76.5710, 16.5570



17.2120, -20.9080, 4.4680

Previews

White Background



This preview shows how the YIQ color 142.9870, 97.1580, -20.7140 looks on a white background.

Color Contrast Check

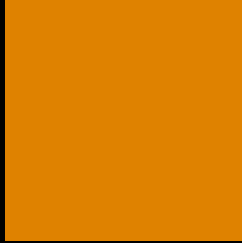
Large Text (above 18pt) WCAG AA × Fail

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 142.9870, 97.1580, -20.7140 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 142.9870, 97.1580, -20.7140

Background



This preview shows how black text looks on a background with the YIQ color 142.9870, 97.1580, -20.7140.



This preview shows how white text looks on a background with the YIQ color 142.9870, 97.1580, -20.7140.

-20.7140.

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

142.9870, 97.1580, -20.7140

Protanopia

144.0630, 55.3010, -38.5790

Deuteranopia

142.8220, 75.1530, -34.9190



Tritanopia

154.0190, 60.8830, 25.4830

Trichromacy



Original Color

142.9870, 97.1580, -20.7140

Protanomaly

143.4780, 70.4300, -31.9220

Deuteranomaly

143.1760, 83.0840, -29.9720

Tritanomaly

149.8240, 73.9530, 8.8730

Monochromacy



Original Color

142.9870, 97.1580, -20.7140

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.8080, 35.3510, -7.4090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.9870, 97.1580, -20.7140 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(223, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 130, 0) }
```

Border

The CSS property to change the border of an element to YIQ 142.9870, 97.1580, -20.7140 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(223, 130, 0) }
```


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

```
.border{ border-color:rgb(223, 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(223, 130, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(223, 130,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 142.9870, 97.1580, -20.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 130, 0) }
```

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

```
.background{ background-color: rgb(223,  
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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