

Converting Colors

YIQ(134.9990, 98.0250, 2.1290)

Have a look what the booklet for
YIQ(134.9990, 98.0250, 2.1290)
contains.

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Color

**YIQ(134.9990, 98.0250,
2.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	E66B1E
RGB	230, 107, 30
RGB Percent	90%, 42%, 12%
CMY	0.0978, 0.5806, 0.8819
CMYK	0.00, 0.54, 0.87, 0.10
HSL	23°, 80%, 51%
HSV	23°, 87%, 90%
XYZ	38.1413, 27.4322, 4.5207
YIQ	134.9990, 98.0250, 2.1290

Conversions

Conversions Part 2

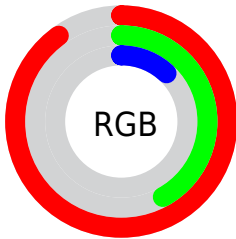
Format	Color
R _Y B	230, 155, 30
Decimal	15100702
CIE _{Lab}	59.37, 43.92, 60.70
CIE _{LCh}	59, 74.920, 54.113
Y _{xy}	27.4322, 0.5441, 0.3914
Android (android.graphics.Color)	4293290782 (0xFFE66B1E)
YUV	134.9990, -51.7645, 83.3159
Hunter-Lab	52.3758, 38.3303, 31.5456

Details

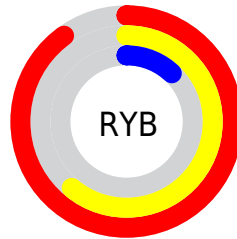
The YIQ color **134.9990, 98.0250, 2.1290** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **125.0010, -98.0250, -2.1290**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.2140, 81.0620, -4.3300**, and **82.2180, 84.4070, 6.6390** is the 20% darker color. If you saturate the color by 10%, you get **124.1590, 109.2580, 2.2980**, and if you desaturate by 10%, it is **145.8390, 86.7920, 1.9600**.

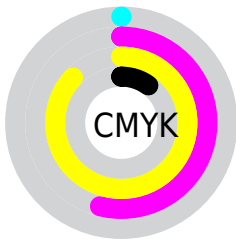
Distribution



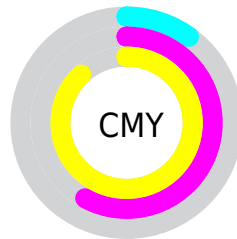
- Red (90%)
- Green (42%)
- Blue (12%)



- Red (90%)
- Yellow (61%)
- Blue (12%)



- Cyan (0%)
- Magenta (54%)
- Yellow (87%)
- Black (10%)





- Cyan (10%)
- Magenta (58%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 134.9990, 98.0250, 2.1290 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 134.9990, 98.0250, 2.1290 by changing the saturation by 10% instead.


 134.9990, 98.0250,
2.1290


 134.9990, 98.0250,
2.1290


255.0000, -0.0000,
-0.0000


 106.7490, 95.7330,
-0.3870


 180.2140, 81.0620,
-4.3300


 82.2180, 84.4070,
6.6390


 199.0270, 65.2910,
-10.3650


 56.5130, 73.6310,
14.7110

 219.1280, 48.6490,
-17.1350

 31.6940, 63.1760,
22.4720

 239.2290, 32.0070,
-23.9050

 22.7240, 45.2960,
16.1120

 247.7040, 20.5440,
-19.9040

 15.4770, 29.7540,
11.4340

 251.0100, 11.2350,

 0.0000, 0.0000,

-10.8850

0.0000

254.3160, 1.9260,
-1.8660

134.9990, 98.0250,
2.1290

134.9990, 98.0250,
2.1290

124.1590,
109.2580, 2.2980

145.8390, 86.7920,
1.9600

120.4260,
112.8800, 2.7360

156.6790, 75.5590,
1.7910

167.5190, 64.3260,
1.6220

178.9460, 52.8180,
0.9300

189.7860, 41.5850,
0.7610

■ 200.6260, 30.3520,
0.5920

■ 211.4660, 19.1190,
0.4230

■ 222.3060, 7.8860,
0.2540

■ 233.1460, -3.3470,
0.0850

Harmonies

Analogous

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



131.5730, 100.9060, 43.5460



134.9990, 98.0250, 2.1290



134.5490, 71.6680, -32.3320

Triad

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



134.9990, 98.0250, 2.1290



114.8550, -87.7920, -49.9360



138.8570, -52.3200, 34.1120

Complementary

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



134.9990, 98.0250, 2.1290



125.0010, -98.0250, -2.1290

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



134.9990, 98.0250, 2.1290



123.1940, -109.8950, -29.3110

Square

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



134.9990, 98.0250, 2.1290



104.1680, -64.5890, -68.4690



127.0020, -126.1290, -10.4250



144.9120, 26.0770, 61.5730

Rectangle

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



134.9990, 98.0250, 2.1290



130.8070, 43.9780, -48.1340



127.0020, -126.1290, -10.4250



118.7250, -105.4550, 11.3850

Sweetspot

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



134.9990, 98.0250, 2.1290



223.4090, 32.4610, 0.9170



103.8220, 79.7170, 80.6530



108.7650, 19.7150, 0.6350



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.



134.9990, 98.0250, 2.1290



133.7710, 125.0300, 2.8060



193.6990, 70.5250, -50.1710



109.5230, 5.7770, -0.0710



94.0240, 87.7090, 1.8610



26.9890, 24.8960, 0.3520

Inverse Universe

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



125.0010, -98.0250, -2.1290



121.2290, -125.0300, -2.8060



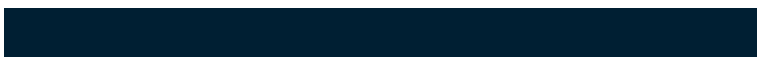
66.3010, -70.5250, 50.1710



108.4770, -5.7770, 0.0710



84.9760, -87.7090, -1.8610



24.0110, -24.8960, -0.3520

Previews

White Background



This preview shows how the YIQ color 134.9990, 98.0250, 2.1290 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 134.9990, 98.0250, 2.1290 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 134.9990, 98.0250, 2.1290

Background



This preview shows how black text looks on a background with the YIQ color 134.9990, 98.0250, 2.1290.



This preview shows how white text looks on a background with the YIQ color 134.9990, 98.0250,

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

134.9990, 98.0250, 2.1290

Protanopia

137.1130, 43.8370, -29.0510

Deuteranopia

134.2930, 69.5130, -31.8230



Tritanopia

140.5650, 77.0210, 30.3730

Trichromacy



Original Color

134.9990, 98.0250, 2.1290

Protanomaly

136.6150, 63.2750, -17.8850

Deuteranomaly

134.3580, 80.0560, -19.1440

Tritanomaly

138.8350, 84.5880, 19.8840

Monochromacy



Original Color

134.9990, 98.0250, 2.1290

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.2630, 35.8080, 0.8320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.9990, 98.0250, 2.1290 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(230, 107, 30)` looks like.

```
.text, #text, p{  
    color:rgb(230, 107, 30)  
}
```

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(230, 107, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 107, 30) }
```

Border

The CSS property to change the border of an element to YIQ 134.9990, 98.0250, 2.1290 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(230, 107, 30) }
```


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

```
.border{ border-color:rgb(230, 107, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 107, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 107, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 107, 30);  
box-shadow:4px 4px 4px 4px rgb(230, 107,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 134.9990, 98.0250, 2.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 107, 30) }
```

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

```
.background{ background-color: rgb(230,  
107, 30) }
```

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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